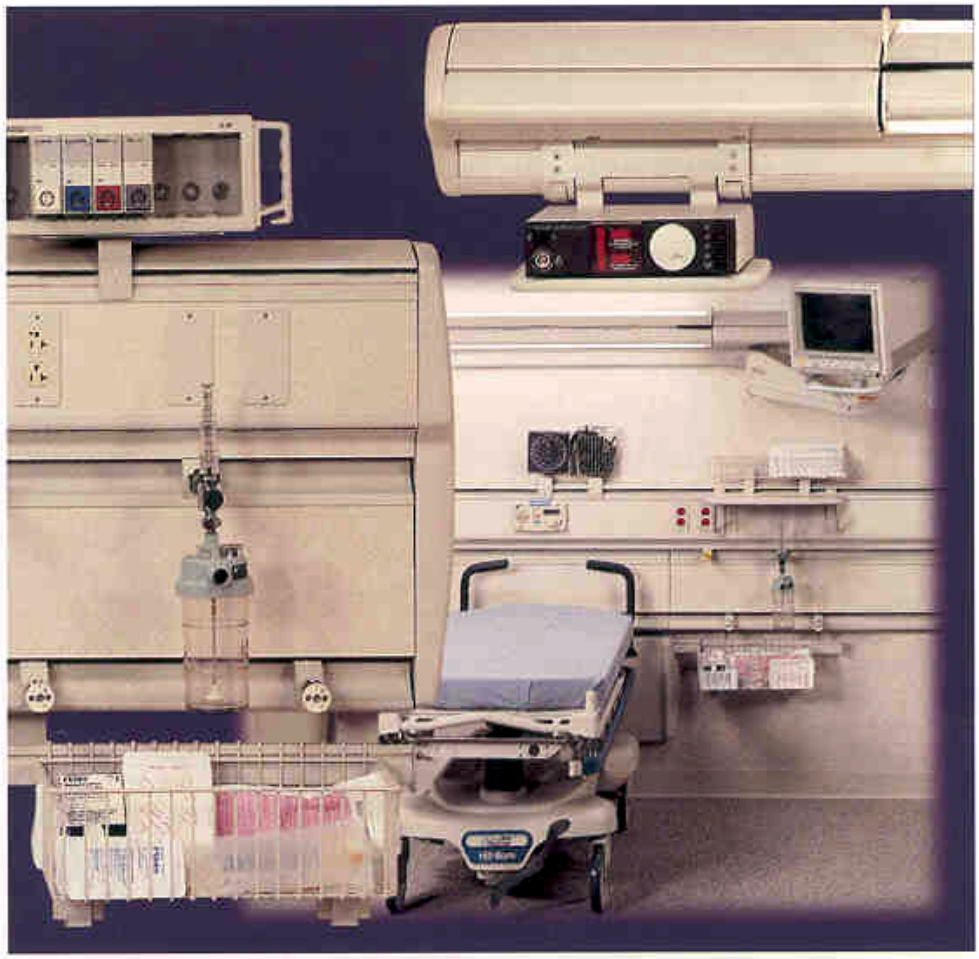
SERVICE MANUAL

Integris® 2002 Headwall System

From Hill-Rom



Product No. P2002

For Parts Or Technical Assistance
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Integris® 2002 Headwall System Service Manual

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Chapter 1
Introduction

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NOTES:

Purpose

This manual provides requirements for the Integris® 2002 Headwall System normal operation and maintenance. It also includes a parts list (in chapter 5) for ordering replacement components.

Audience

This manual is intended for use by only facility-authorized personnel. Failure to observe this restriction can result in severe injury to people and serious damage to equipment.

Organization

This manual contains seven chapters.

Chapter 1: Introduction

In addition to a brief description of this service manual, chapter 1 also provides a product overview.

Chapter 2: Troubleshooting Procedures

Repair analysis procedures are contained in this chapter. Use these procedures to gather information, identify the maintenance need, and verify the effectiveness of the repair.

Chapter 3: Theory of Operation

This chapter describes the application of the mechanical, electrical, and hydraulic systems employed in this product.

Chapter 4: Removal, Replacement, and Adjustment Procedures

Chapter 4 contains the detailed maintenance procedures determined necessary in chapter 2.

Chapter 5: Parts List

This chapter contains the warranty, part-ordering procedure, and illustrated parts lists.

Chapter 6: General Procedures

Cleaning, preventive maintenance, and other general procedures are described in this chapter.

Chapter 7: Accessories

A list of additional products, that can be used in conjunction with the Integris® 2002 Headwall System, is available in chapter 7. Installation procedures for these accessories are also included.

Typographical Conventions

This manual contains different typefaces and icons designed to improve readability and increase understanding of its content. Note the following examples:

- Standard text—used for regular information.
- **Boldface text**—emphasizes a word or phrase.
- **NOTE:**—sets apart special information or important instruction clarification.
- The symbol below highlights a WARNING or CAUTION:

Figure 1-1. Warning and Caution

  - A WARNING identifies situations or actions that may affect patient or user safety. Disregarding a warning could result in patient or user injury.
  - A CAUTION points out special procedures or precautions that personnel must follow to avoid equipment damage.
- The symbol below highlights a CAUGHT HAZARD WARNING:

Figure 1-2. Caught Hazard Warning

- The symbol below highlights a CHEMICAL HAZARD WARNING:

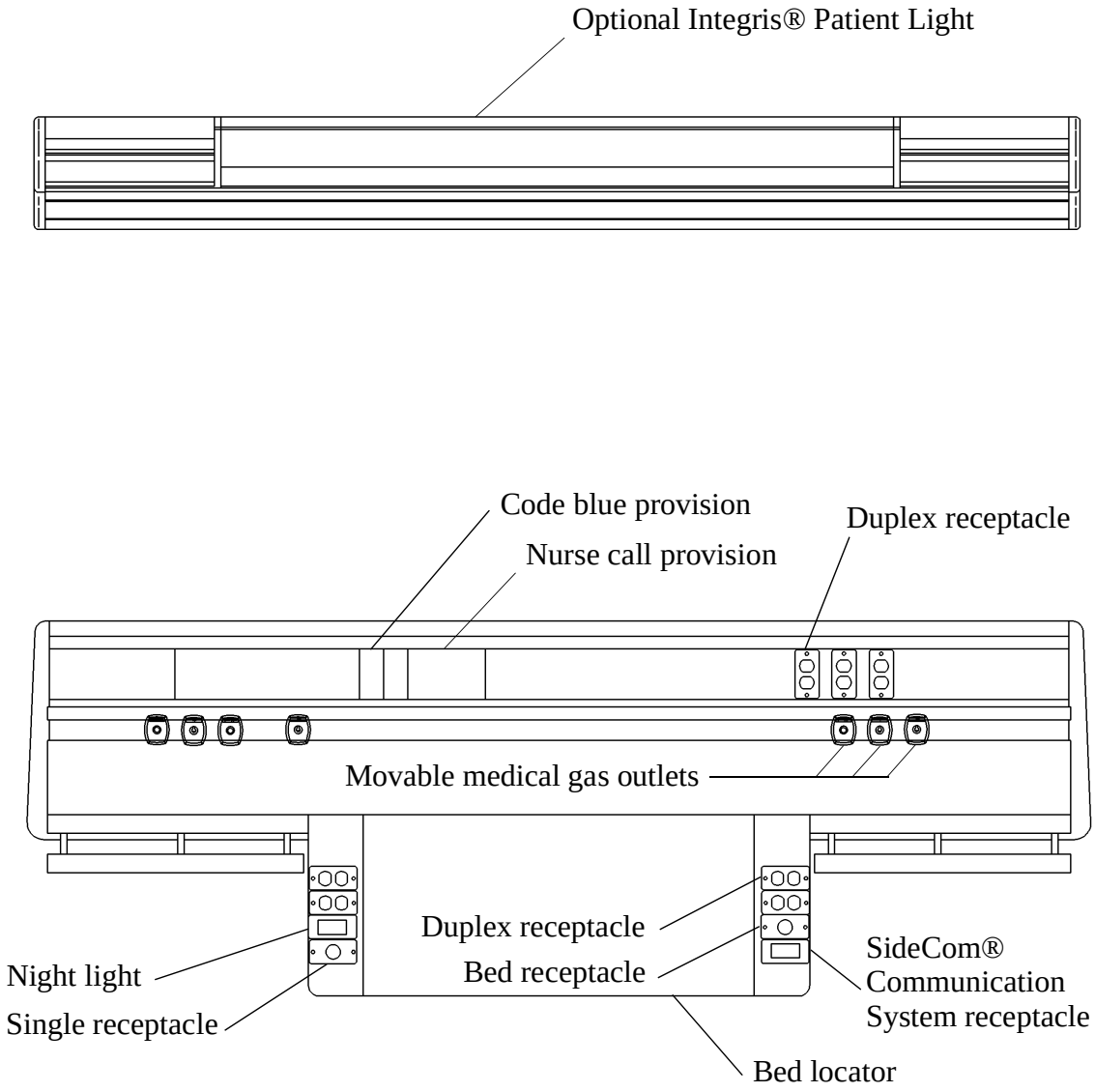
Figure 1-3. Chemical Hazard Warning

- The symbol below highlights an ELECTRICAL SHOCK HAZARD WARNING:

Figure 1-4. Electrical Shock Hazard Warning

Introduction

Figure 1-5. Integris® 2002 Headwall System



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Today, with improvements in technology and changes in the way healthcare is delivered, Hill-Rom is designing products to continuously meet the changing needs of the healthcare industry.

The flexibility of the Integris® 2002 Headwall System is the solution to changes in patient acuity levels, hospital occupancy rate, and technology. This flexibility is demonstrated in the ability of the Integris® 2002 Headwall System to quickly add or relocate ancillary equipment on the upper and lower accessory tracks.

The Integris® 2002 Headwall System eliminates the cluttered look of current headwalls and offers a clean, contemporary environment. The unit accepts new equipment that may not have been planned for and provides physical support of secondary equipment, brackets, shelves, and other patient headwall-related items.

The Integris® 2002 Headwall System consists of a console raceway for delivery of power and gas services from the wall. The raceway carries power lines and supports auxiliary equipment. The area under the raceway contains the piping for medical gases.

System Features

The features of the Integris® 2002 Headwall System include:

- Low voltage power service
- Normal power service
- Emergency power service
- Multiple variable gas outlets
- Reduced clutter around the bed and placement of equipment at convenient working levels for staff
- Variable total length to meet requirements of larger open areas
- Flexibility for the hospital room to be upgraded to a more sophisticated level of care
- Adaptability for new services without the need to break into walls or reconstruct the room

Specifications

Physical Description

The following tables contain specifications of the Integris® 2002 Headwall System.

Table 1-1. Chase Specifications

Feature	Dimension
Depth	5 3/8" (13.65 cm)
Width	13 3/4" (34.93 cm)

Table 1-2. Raceway Specifications

Feature	Dimension
Depth	3.937" (10.000 cm)
Width (including end caps)	5' 6" (168 cm) to 9' 3" (282 cm)
Height	8 7/8" (22.54 cm)

Table 1-3. Medical Gas/Vacuum Manifold

Description	Specification
Check valves	DISS indexed
Copper tubing	American Society of Testing and Materials (ASTM)-B-819
Inner diameter—oxygen and air tubing	½" (12.7 mm)
Inner diameter—vacuum tubing	¾" (19.05 mm)
Brazing	Silver alloy
Minimum melting point for brazing	1000°F (538°C)
Pressure test	150 psi (1034 kPa)
Pressure test certification	National Fire Protection Association (NFPA)-99 and/or contractual documents

Table 1-4. Optional Equipment and Devices

Description	Specification
Chart light	Switched 7 watt 120V bulb
Night light	Switched (Single Pole Single Throw (SPST) or 3-way) or continuous burn 7 watt 120V bulb
Low voltage controller	120V AC 240V AC 277V AC
Switches	Quiet action 120V AC 20 amp Framed rocker (SPST or 3-way)

Table 1-5. Provisions for Options

Description	Specification
Patient Phone provision	Standard telephone jack
Code blue emergency call button	Contractor provides name and number of code blue equipment to be used.
Nurse call station	Two through 8 gang opening. Contractor supplies name and number of equipment to be used.
STAT Clock/Timer—provision	Four gang opening

Electrical Description

Table 1-6. Electrical Specifications

Description	Specification
Voltage	109–125V AC at 50–60 Hz
Wire—standard and emergency power	Type AWM/MTW Stranded copper 600V Flame retardant Heat resistant
Wire—power circuits/lighting circuits	12 AWG (color-coded per wiring diagram)
Wire—ground conductor	12 AWG Stranded copper Green
Wire—raceway ground conductor	10 AWG to terminate at the service chase ground bus.
Grounding and bonding	Each receptacle must have a grounding conductor terminated at the raceway grounding post next to the service chase.

Table 1-7. Receptacle Specifications

Description	Specification
Hospital-grade receptacle	NEMA 5-15R or 5-20R Hospital grade is indicated by a green dot on the face of the receptacle.
Single phase	2 wires plus ground
Voltage	125V AC
Amperage	15 or 20 amp
Receptacle color	Ivory = standard power duplex Red = emergency power (critical branch) Black = locking single Orange = isolated ground

Regulations, Standards, and Codes

USA

Sections and Units

Category guide designation = QQXX.

Isolated Power Wall Modules

Category guide designation = KEXS.

Canada (CUL)

Sections and Units

Category guide designation = QQXX7.

Isolated Power Wall Modules

Category guide designation = KEXS7.

Model Identification

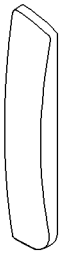
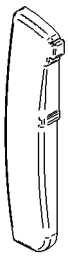
Table 1-8. Model Identification

Model Number	Description
P2002	Integris® 2002 Headwall System
P2002A	Integris® 2002 Headwall System
P2002B	Integris® 2002 Headwall System

Integris® 2002 Headwall System Versions

The three different versions of the Integris® 2002 Headwall System can be differentiated by the unique style of end caps. See table 1-9 on page 1-12 for Integris® 2002 Headwall System end cap versions.

Table 1-9. Integris® 2002 Headwall System End Cap Versions

Headwall Version	Description
P2002	m142b115
P2002A	 m142b116
P2002B	 m142b117

Safety Tips

WARNING:
Only facility-authorized personnel should troubleshoot the Integris® 2002 Headwall System. Troubleshooting by unauthorized personnel could result in personal injury or equipment damage.

WARNING:
Only facility-authorized personnel should perform preventive maintenance on the Integris® 2002 Headwall System. Preventive maintenance performed by unauthorized personnel could result in personal injury or equipment damage.

WARNING:
Follow the product manufacturer's instructions. Failure to do so could result in personal injury or equipment damage.

WARNING:
Prior to performing any gas system maintenance, shut off the medical gas supply, and tag out the valve. Failure to do so could result in a fire or explosion. Personal injury or equipment damage could occur.

WARNING:
Make certain the gas demand valve matches the gas manifold port (oxygen to oxygen, air to air, vacuum to vacuum). Failure to do so could result in fire or explosion during subsequent use of the gas system. Personal injury or equipment damage could occur.

SHOCK HAZARD:
Unplug the unit from its power source. Failure to do so could result in personal injury or equipment damage.

SHOCK HAZARD:
Do not expose the unit to excessive moisture. Personal injury or equipment damage could occur.

SHOCK HAZARD:
Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution will cause serious electrical shock injury.

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to **OFF**. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

CAUTION:
Do not use harsh cleaners, solvents, or detergents. Equipment damage could occur.

CAUTION:
Do not use silicone-based lubricants. Equipment damage could occur.

Warning and Caution Labels

Figure 1-6. Warning and Caution Labels (Sheet 1 of 2)

WARNING

PRECAUTIONS MUST BE TAKEN WHEN SWEATING JOINTS TO PROTECT CHECK VALVES FROM EXCESSIVE HEAT. WHEN MAKING CONNECTORS CLOSER THAN 10" FROM "T" FITTING A HEAT SINK SHOULD BE USED TO PROTECT THE VALVE.

WARNING: THIS DEVICE IS NOT TO BE USED DIRECTLY OR INDIRECTLY WITH LIFE SUPPORT APPARATUS OR ASSOCIATED CIRCUITRY.

CAUTION: THE MAIN BREAKER MAY NOT DISCONNECT ALL POWER SOURCES FROM THIS UNIT.

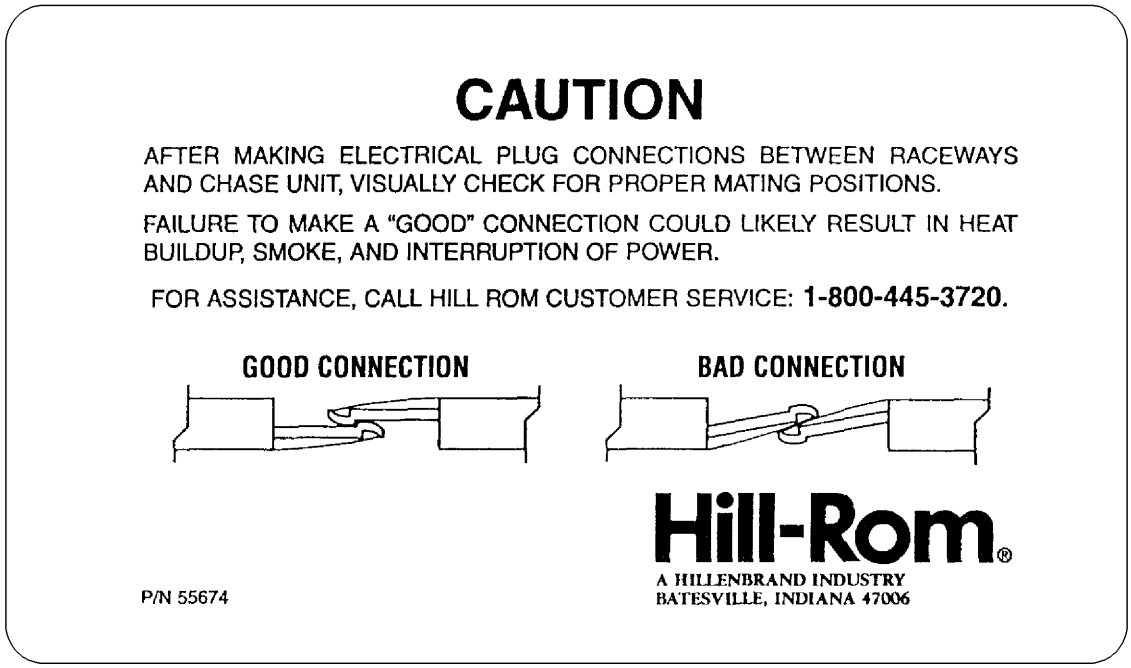
CIRCUIT	FUNCTION	CIRCUIT	FUNCTION
	SPARE		SPARE
	SPARE		SPARE
	SPARE		SPARE
	SPARE		SPARE
	SPARE		SPARE

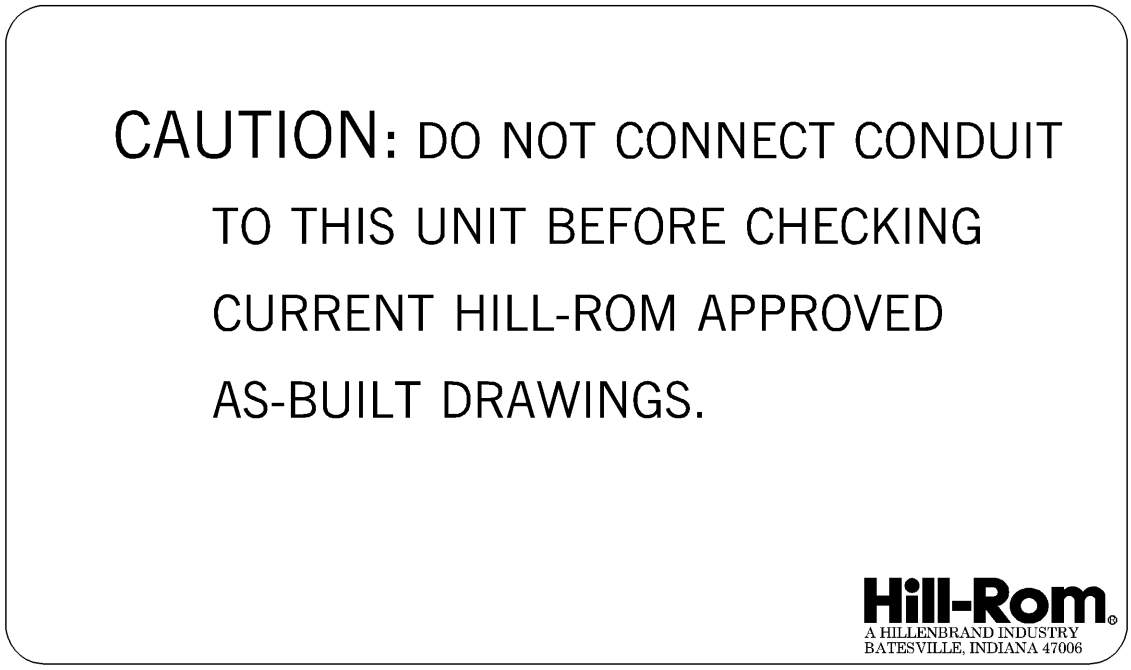
CURRENT INTERRUPTING RATING MAX RMS SYM 10.00 AMPS

120/240 VOLTS AC

m142_083

Figure 1-7. Warning and Caution Labels (Sheet 2 of 2)


CAUTION
AFTER MAKING ELECTRICAL PLUG CONNECTIONS BETWEEN RACEWAYS AND CHASE UNIT, VISUALLY CHECK FOR PROPER MATING POSITIONS.
FAILURE TO MAKE A "GOOD" CONNECTION COULD LIKELY RESULT IN HEAT BUILDUP, SMOKE, AND INTERRUPTION OF POWER.
FOR ASSISTANCE, CALL HILL ROM CUSTOMER SERVICE: 1-800-445-3720.
GOOD CONNECTION
BAD CONNECTION
Hill-Rom
A HILLENBRAND INDUSTRY
BATESVILLE, INDIANA 47006
P/N 55674


CAUTION: DO NOT CONNECT CONDUIT TO THIS UNIT BEFORE CHECKING CURRENT HILL-ROM APPROVED AS-BUILT DRAWINGS.
Hill-Rom
A HILLENBRAND INDUSTRY
BATESVILLE, INDIANA 47006

m142_004

Chapter 2
Troubleshooting Procedures

2

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NOTES:

Getting Started

WARNING:
Only facility-authorized personnel should troubleshoot the Integris® 2002 Headwall System. Troubleshooting by unauthorized personnel could result in personal injury or equipment damage.

Begin each procedure in this chapter with step 1. Follow the sequence outlined (each step assumes the previous step has been completed). In each step, the normal operation of the product can be confirmed by answering **Yes** or **No** to the statement. Your response will lead to another step in the procedure, a repair analysis procedure (RAP), or a component replacement. If more than one component is listed, replace them in the given order.

To begin gathering information about the problem, start with **Initial Actions**.

To isolate or identify a problem and to verify the repair after completing each corrective action (replacing or adjusting a part, seating a connector, etc.), perform the **Function Checks**.

To verify the repair, perform the **Final Actions** after the Function Checks.

If troubleshooting procedures do not isolate the problem, call Hill-Rom Technical Support at (800) 445-3720 for assistance.

Initial Actions

To gather information from operators concerning problems with the Integris® 2002 Headwall System. Note symptoms or other information concerning the problem that the operator describes. This information helps identify the probable cause.

1. Someone who can explain the problem is available.

   Yes **No**
   ↓ → Go to “Function Checks” on page 2-4.

2. Ask that person to demonstrate or explain the problem. The problem can be duplicated.

   Yes **No**
   ↓ → Go to “Function Checks” on page 2-4.

3. The problem is a result of improper operator action.

   Yes **No**
   ↓ → Go to "Function Checks" on page 2-4.

4. Instruct the operator to refer to the procedures in the *Integris® 2002 Headwall System In-Service Manual*. To ensure proper operation of the Integris® 2002 Headwall System, perform the "Function Checks" on page 2-4.

Function Checks

1. Initial Actions have been performed.

   Yes **No**
   ↓ → Go to "Initial Actions" on page 2-3.

2. Auxiliary hospital equipment is plugged into an appropriate power source, and the switch is turned on.

   Yes **No**
   ↓ → Plug the unit into an appropriate power source, and turn on the switch.

3. The chart light is operational.

   Yes **No**
   ↓ → Go to RAP 2.1.

4. The night light is operational.

   Yes **No**
   ↓ → Go to RAP 2.2.

5. The dimmer switch is operational.

   Yes **No**
   ↓ → Go to RAP 2.3.

6. The line voltage switch is operational.

   Yes **No**
   ↓ → Go to RAP 2.4.

7. The duplex electrical receptacle is operative.

   Yes **No**
   ↓ → Go to RAP 2.5.

8. The bed receptacle is operational.

Yes **No**
↓ → Go to RAP 2.6.

9. The timed light switch operates correctly.

   Yes **No**
   ↓ → Go to RAP 2.7.

10. The low voltage controller is not operating the patient light.

    Yes **No**
    ↓ → Go to RAP 2.8.

11. The circuit breaker is inoperative.

    Yes **No**
    ↓ → Go to RAP 2.9.

12. Go to "Final Actions" on page 2-5.

Final Actions

1. Complete the required preventive maintenance procedures. See "Preventive Maintenance" on page 6-4.
2. Return all equipment to normal operating condition.
   a. Close all panels.
   b. Connect any disconnected wires/connectors.
   c. Remove all tools and test equipment.
3. Complete all required administrative tasks.

2.1 Chart Light Does Not Come On

SHOCK HAZARD:
Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution will cause serious electrical shock injury.

1. The main circuit breaker (A) is in the ON position (see figure 2-1 on page 2-7).

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

2. A voltage of 109 to 125V AC is available between the lug and the circuit breaker terminal.

   Yes **No**
   ↓ → Replace the circuit breaker according the manufacturer's instruction.

3. A voltage of 109 to 125V AC is available at the wire terminals on the chart light switch.

   Yes **No**
   ↓ → Repair or replace the wiring between the circuit breaker and the chart light switch.

4. Continuity in the chart light switch is present when checked as follows:

   d. Set the involved breaker to the OFF position.

   e. Remove the chart light switch from the raceway. See "Chart Light Switch" on page 4-21.

   f. Disconnect the wires.

   g. Ohmmeter reads continuity between the chart light switch terminals.

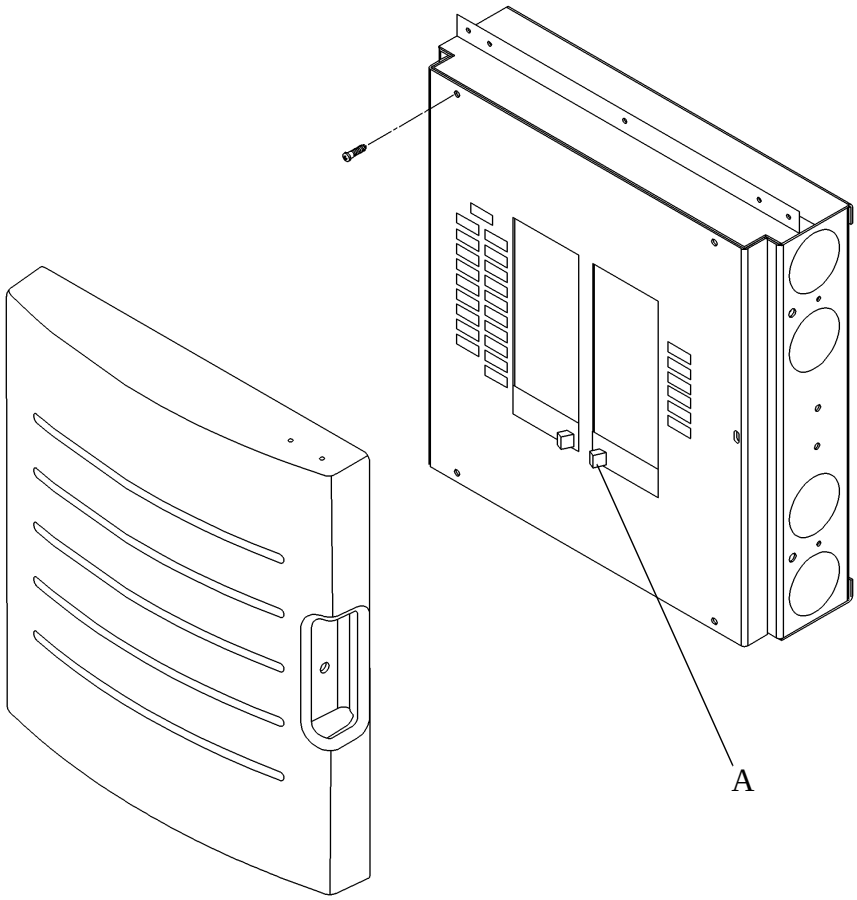
   Yes **No**
   ↓ → Replace the chart light switch (refer to procedure 4.9).

5. The chart light is operative.

   Yes **No**
   ↓ → Replace the chart light bulb (refer to procedure 4.8). If this solves the problem, go to "Final Actions" on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

6. Go to "Final Actions" on page 2-5.

Figure 2-1. Standard or Emergency Circuit Breaker Box



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2.2 Night Light Does Not Come On

SHOCK HAZARD:
Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution will cause serious electrical shock injury.

1. The building circuit breaker (A) is in the ON position (see figure 2-1 on page 2-7).

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

2. A voltage of 109 to 125V AC is available between the lug and the circuit breaker terminal.

   Yes **No**
   ↓ → Replace the circuit breaker according the manufacturer's instruction.

3. A voltage of 109 to 125V AC is available at the wire terminals on the night light.

   Yes **No**
   ↓ → Repair or replace the wiring between the circuit breaker and the night light.

4. The night light is operative.

   Yes **No**
   ↓ → Replace the night light bulb (refer to procedure 4.8). If this solves the problem, go to "Final Actions" on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

5. Go to "Final Actions" on page 2-5.

2.3 Dimmer Switch Does Not Operate the Light

SHOCK HAZARD:
Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution will cause serious electrical shock injury.

1. The building circuit breaker (A) is in the ON position (see figure 2-1 on page 2-7).

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

2. A voltage of 109 to 125V AC is available between the lug and the circuit breaker terminal.

   Yes **No**
   ↓ → Replace the circuit breaker according the manufacturer's instruction.

3. A voltage of 109 to 125V AC is available at the wire terminals on the dimmer switch.

   Yes **No**
   ↓ → Repair or replace the wiring between the circuit breaker and the dimmer switch.

4. Rotate the dimmer switch to the full clockwise position and back to a full counterclockwise position. The light brightens and then dims.

   Yes **No**
   ↓ → Replace the applicable light bulb (refer to procedure 4.8).

5. The light is fully functional from dim to bright.

   Yes **No**
   ↓ → Replace the dimmer switch (refer to procedure 4.4). If this solves the problem, go to "Final Actions" on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

6. Go to "Final Actions" on page 2-5.

2.4 Line Voltage Switch Does Not Operate Attached Device

SHOCK HAZARD:
Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution will cause serious electrical shock injury.

1. The building circuit breaker (A) is in the ON position (see figure 2-1 on page 2-7).

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

2. A voltage of 109 to 125V AC is available between the lug and the circuit breaker terminal.

   Yes **No**
   ↓ → Replace the circuit breaker according the manufacturer's instruction.

3. A voltage of 109 to 125V AC is available at the wire terminals on the line voltage switch.

   Yes **No**
   ↓ → Repair or replace the wiring between the circuit breaker and the line voltage switch.

4. The line voltage switch has continuity when checked as follows:

   a. Set the applicable circuit breaker to the OFF position.

   b. Remove the wires from the switch terminals.

   c. Place the switch in the ON position.

   There is continuity between the switch terminals.

   Yes **No**
   ↓ → Replace the line voltage switch (refer to procedure 4.5). If this solves the problem, go to "Final Actions" on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

5. Go to "Final Actions" on page 2-5.

2.5 Bed Receptacle—Standard or Emergency—Is Inoperative

SHOCK HAZARD:
Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution will cause serious electrical shock injury.

1. The building circuit breaker (A) is in the ON position (see figure 2-1 on page 2-7).

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

2. A voltage of 109 to 125V AC is available between the lug and the circuit breaker terminal.

   Yes **No**
   ↓ → Replace the circuit breaker according the manufacturer's instruction.

3. A voltage of 109 to 125V AC is available at the wire terminals on the duplex receptacle.

   Yes **No**
   ↓ → Repair or replace the wiring between the circuit breaker and the duplex receptacle.

4. The voltage reads from 109 to 125V AC between the duplex receptacle's short slot and the ground terminal. Also, the voltage reads from 109 to 125V AC between the duplex receptacle's short slot and the long slot.

   Yes **No**
   ↓ → Replace the duplex receptacle (refer to procedure 4.1). If this solves the problem, go to "Final Actions" on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

5. Go to "Final Actions" on page 2-5.

2.6 Limit Switch for the Bed Receptacle or Patient Light is Inoperative

SHOCK HAZARD:
Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution will cause serious electrical shock injury.

1. The building circuit breaker is in the ON position (see figure 2-1 on page 2-7).

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

2. Testing shows 109 to 125V AC between the terminal and the lug of the circuit breaker.

   Yes **No**
   ↓ → Replace the circuit breaker according the manufacturer's instructions.

3. Testing shows 109 to 125V AC between the terminals on the bed receptacle.

   Yes **No**
   ↓ → Repair or replace the wires between the circuit breaker and the bed receptacle.

4. The voltage reads from 109 to 125V AC between the short slot and the long slot of the bed receptacle. The voltage also reads from 109 to 125V AC between the short slot and ground on the bed receptacle.

   Yes **No**
   ↓ → Replace the bed receptacle (refer to procedure 4.2).

5. The bed receptacle indicator light is on.

   Yes **No**
   ↓ → Replace the bed receptacle indicator (refer to procedure 4.2).

6. Applying upward pressure to the patient light turns voltage off at the bed receptacle, and releasing the upward pressure restores voltage at the bed receptacle.

   Yes **No**
   ↓ → Replace the inoperative limit switches after testing for continuity in the closed position, and for infinity in the open position. See the *Integris® B Lite Rail Service Manual* (man139). If this

solves the problem, go to “Final Actions” on page 2-5.
Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

7. Go to “Final Actions” on page 2-5.

2.7 Timed Light Switch and Toggle Switch Do Not Operate Properly

SHOCK HAZARD:
Use care when checking live voltages. Do not touch live terminals, wires, and ground. Failure to use caution will cause serious electrical shock injury.

1. The building circuit breaker (A) is in the ON position (see figure 2-1 on page 2-7).

   Yes ↓ **No** → Reset the circuit breaker to the ON position.

2. A voltage of 109 to 125V AC is available between the lug and the circuit breaker terminal.

   Yes ↓ **No** → Replace the circuit breaker according to the manufacturer's instruction.

3. Testing shows 109 to 125V AC is available at the wire terminals on the toggle switch.

   Yes ↓ **No** → Repair or replace the wiring between the circuit breaker and the toggle switch.

4. Place the toggle switch in the ON position. The lights turn ON.

   Yes ↓ **No** → Replace the applicable light bulb (refer to procedure 4.8).

5. The light is operational.

   Yes ↓ **No** → Replace the toggle switch (refer to procedure 4.10).

6. Place the toggle light switch in the OFF position. The lights turn OFF at the setting of the timer (0–15 minutes).

   Yes ↓ **No** → Adjust the timer to the correct setting (refer to procedure 4.10).

7. The light turns off at the correct time.

   Yes **No**
   ↓ → Replace the timer assembly (refer to procedure 4.10). If this solves the problem, go to "Final Actions" on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

8. Go to "Final Actions" on page 2-5.

2.8 Low Voltage Controller Is Not Operating the Patient Light

1. The involved building circuit breaker is in the ON position.

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

2. If so equipped, the Integris® 2002 Headwall System circuit breaker is in the ON position.

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

3. Press the indirect/read light switch. The indirect light turns ON.

   Yes **No**
   ↓ → Go to step 6.

4. Press the indirect/read light switch. The read light turns ON.

   Yes **No**
   ↓ → Go to step 6.

5. Go to “Final Actions” on page 2-5.

SHOCK HAZARD:
Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

6. Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker.

7. The resistance between the output leads of the low voltage controller are as shown in (see table 2-1 on page 2-16).

Table 2-1. Low Voltage Controller Resistance

If the voltage is	The resistance should be	Acceptable variation
120	500 ohms	± 100 ohms
240	1800 ohms	± 100 ohms
277	2500 ohms	± 100 ohms

Yes **No**
↓ → Replace the low voltage controller (refer to procedure 4.14).

8. The input voltage reads 120V AC, 240V AC, or 277V AC between the black and the white wires on the low voltage controller (see figure 2-2 on page 2-18).

   Yes **No**
   ↓ → Replace the circuit breaker, and if needed, the wiring between the circuit breaker and the low voltage controller.

9. A high impedence voltage meter indicates a drop to 0V DC in both of the following situations:

   a. When the meter is connected between the positive red wire and the common brown wire on the low voltage controller, and the indirect light switch is pressed.

   b. When the meter is connected to the positive blue wire and the common brown wire on the low voltage controller, and the read light switch is pressed.

   Yes **No**
   ↓ → Replace the low voltage switch (refer to procedure 4.11).

10. A high impedence voltage meter indicates that the voltage on the low voltage controller is between 10 and 14 V DC in both of the following situations:

    a. When the meter is connected between the positive red wire and the common brown wire.

    b. When the meter is connected between the positive blue wire and the common brown wire.

    Yes **No**
    ↓ → Replace the low voltage controller (refer to procedure 4.14).

11. When the low voltage controller measures 120 V AC, 240 V AC, or 277 V AC between the following wires:

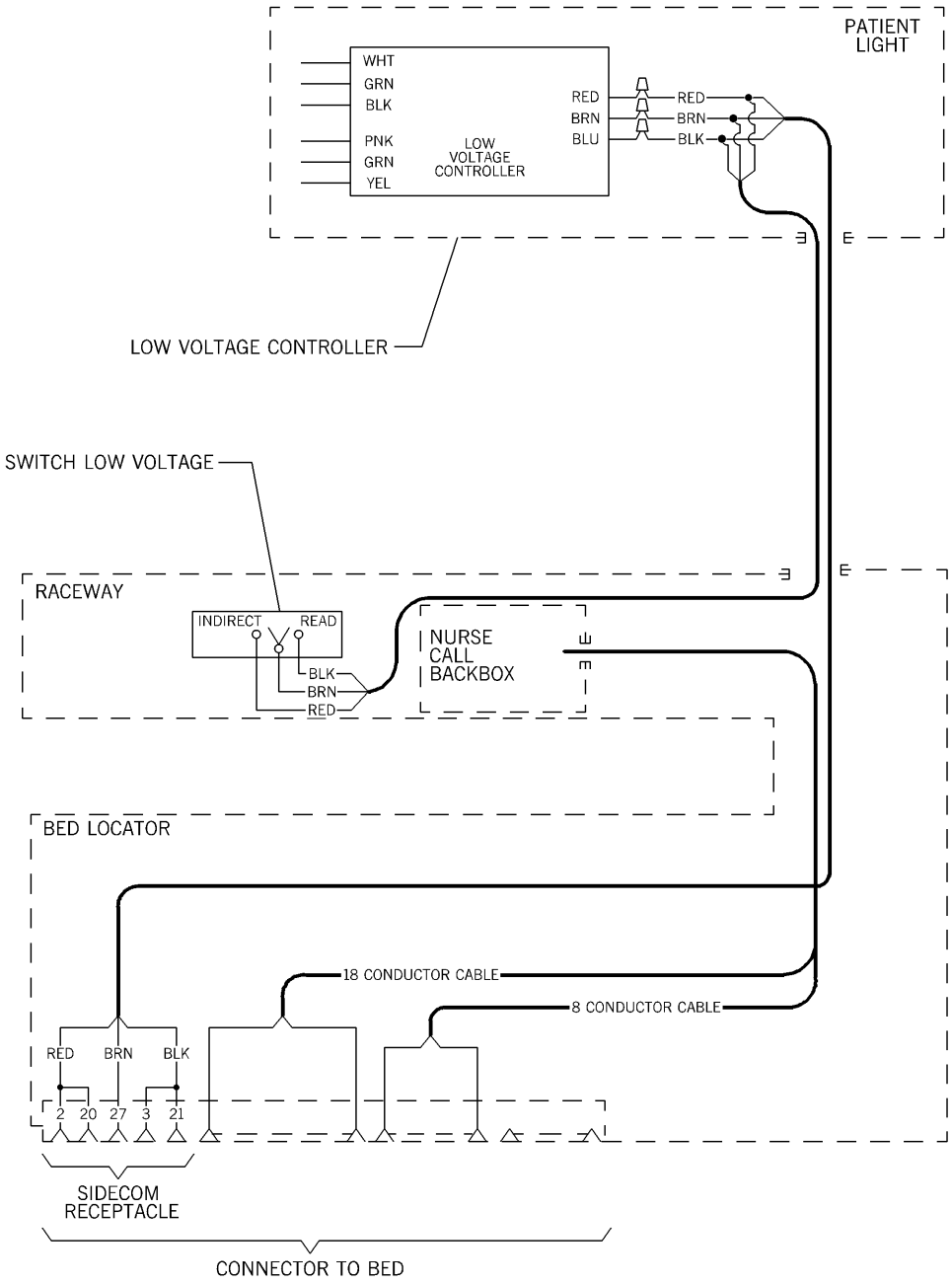
    a. The pink and green.

    b. The yellow and green.

    Yes **No**
    ↓ → Replace the low voltage controller (refer to procedure 4.14). If this solves the problem, go to “Final Actions” on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

12. Go to “Final Actions” on page 2-5.

Figure 2-2. Low Voltage Controller Wiring Diagram—Without Chase



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2.9 Circuit Breaker Is Inoperative

1. The involved building circuit breaker is in the ON position.

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

2. If so equipped, the Integris® 2002 Headwall System circuit breaker is in the ON position.

   Yes **No**
   ↓ → Reset the circuit breaker to the ON position.

3. The circuit breaker works.

   Yes **No**
   ↓ → Go to step 5.

4. Go to "Final Actions" on page 2-5.

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

5. Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker.

6. Continuity exists in the wiring between the circuit breaker and the Integris® 2002 Headwall System option or related facility equipment.

   Yes **No**
   ↓ → Repair or replace the wires from the circuit breaker to the equipment.

7. Check for continuity in the circuit breaker as follows:

   a. Set the involved building circuit breaker to the OFF position.

   b. Remove the Integris® 2002 Headwall System circuit breaker. See "Circuit Breaker (Standard/Emergency Power)" on page 4-28.

   Continuity exists between the lug and the breaker terminal.

   Yes **No**
   ↓ → Replace the circuit breaker with a new circuit breaker. If this solves the problem, go to "Final Actions" on page 2-5. Otherwise, call Hill-Rom Technical Support at (800) 445-3720.

8. Go to “Final Actions” on page 2-5.

Chapter 3
Theory of Operation

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3

NOTES:

Electrical System

Voltage Distribution

Figure 3-1. AC Voltage Distribution to the Raceway

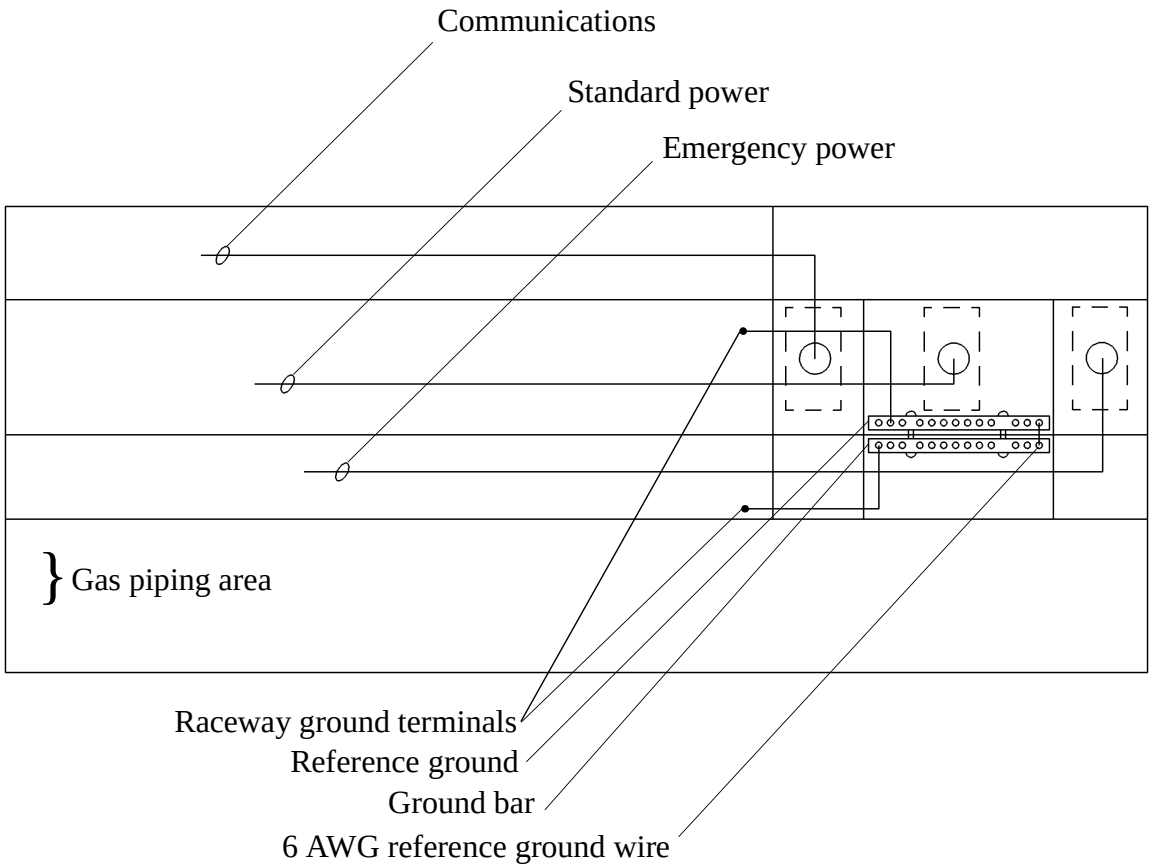

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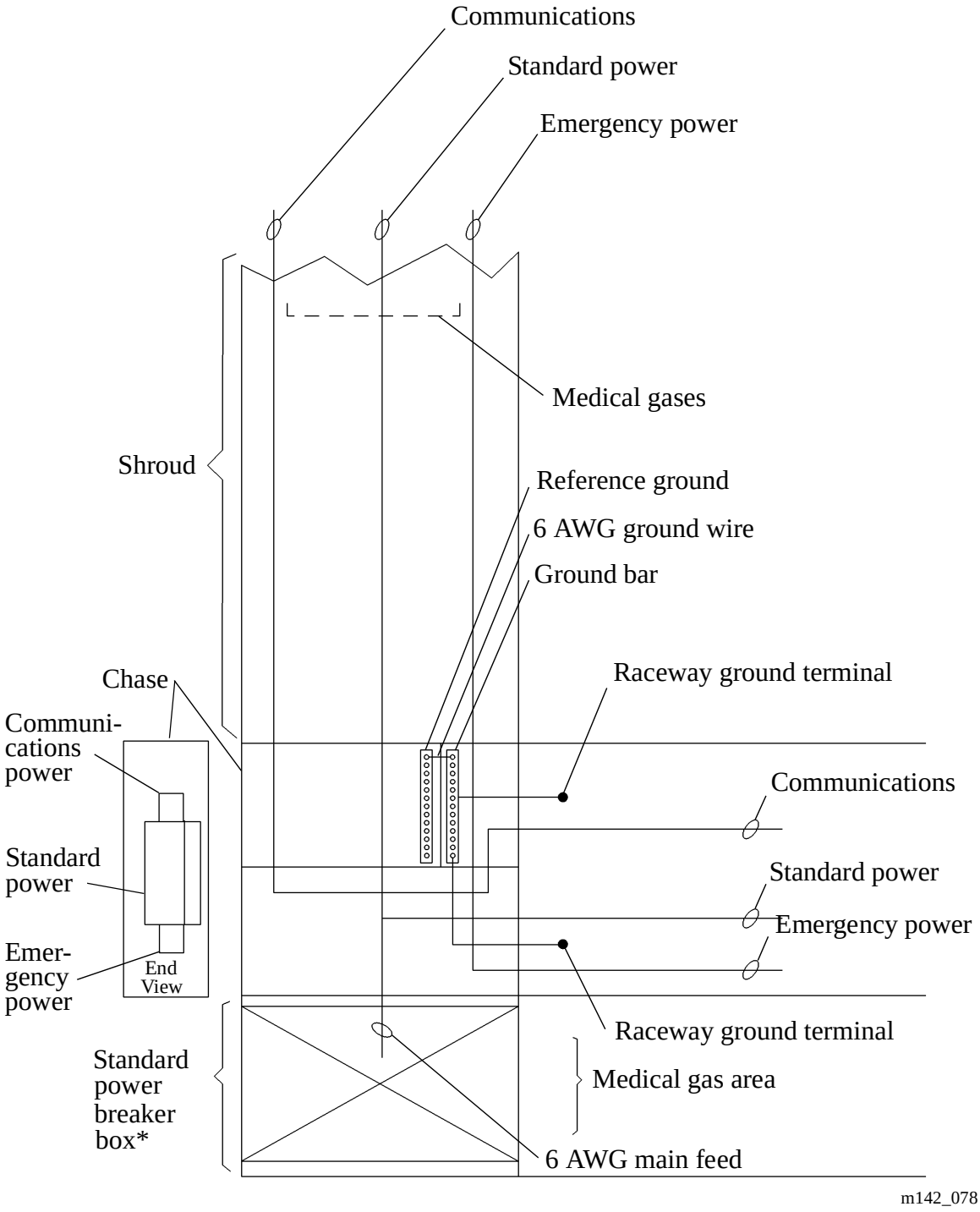
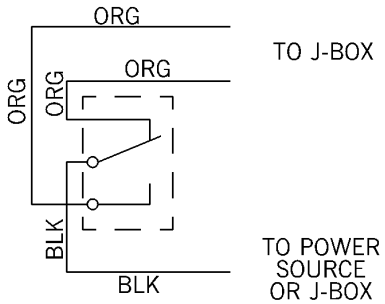
Figure 3-2. AC Voltage Distribution to Chase and Raceway



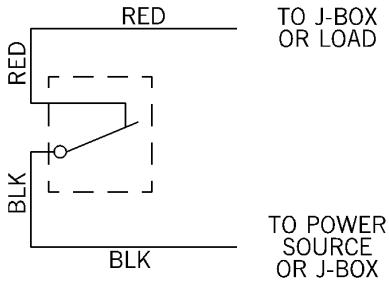
*Also available with emergency power breaker box.

Electrical Switches

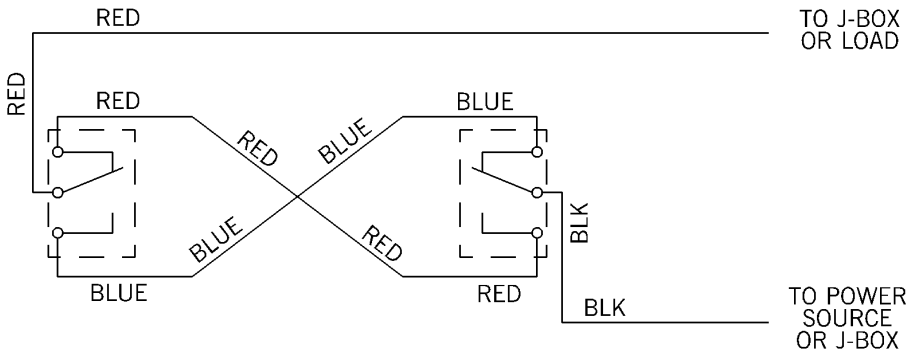
Figure 3-3. Wiring Diagrams



TYPICAL GND PWR
SINGLE 3-WAY



TYPICAL GND PWR
SINGLE SPST



TYPICAL GND PWR
TWO 3-WAY

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Power Receptacles

Figure 3-4. Grounded Power Receptacles

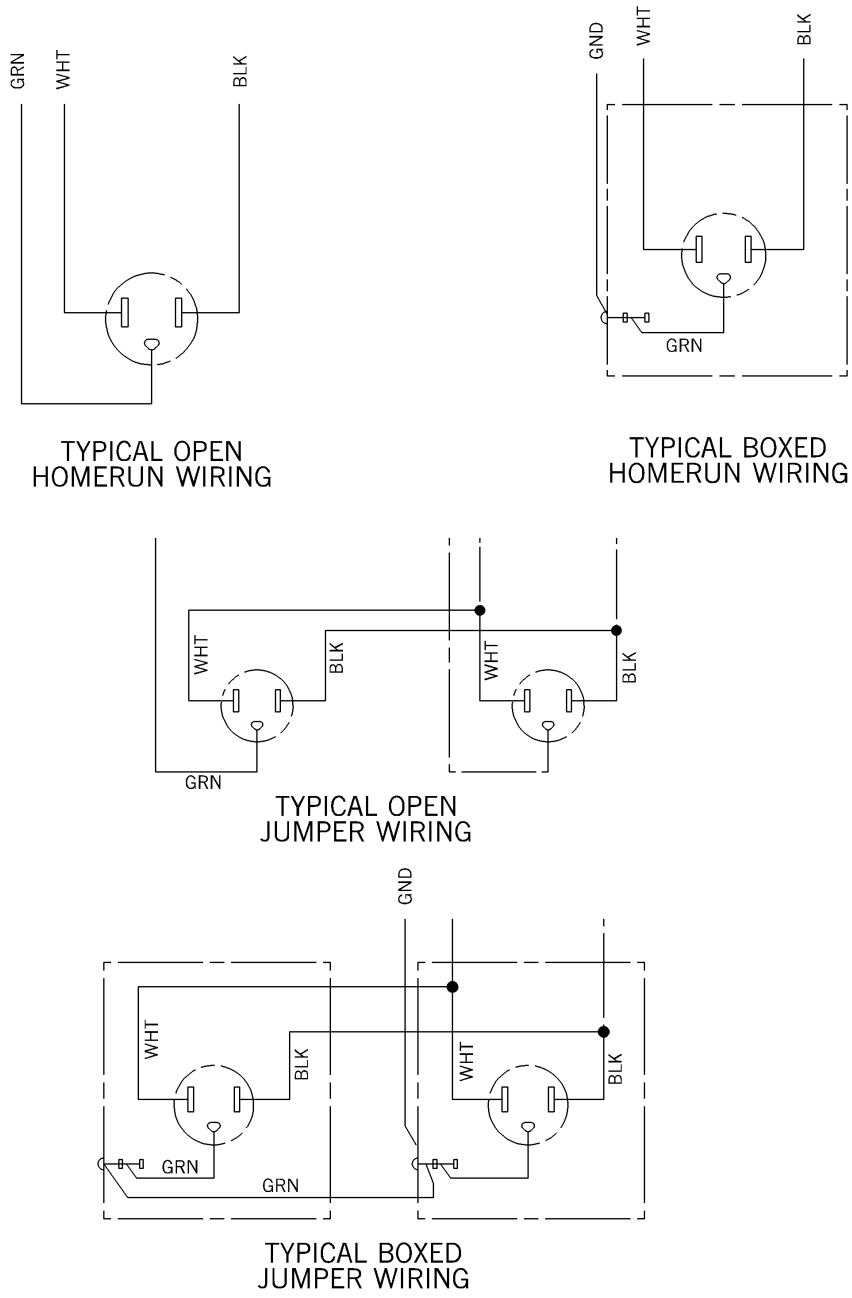

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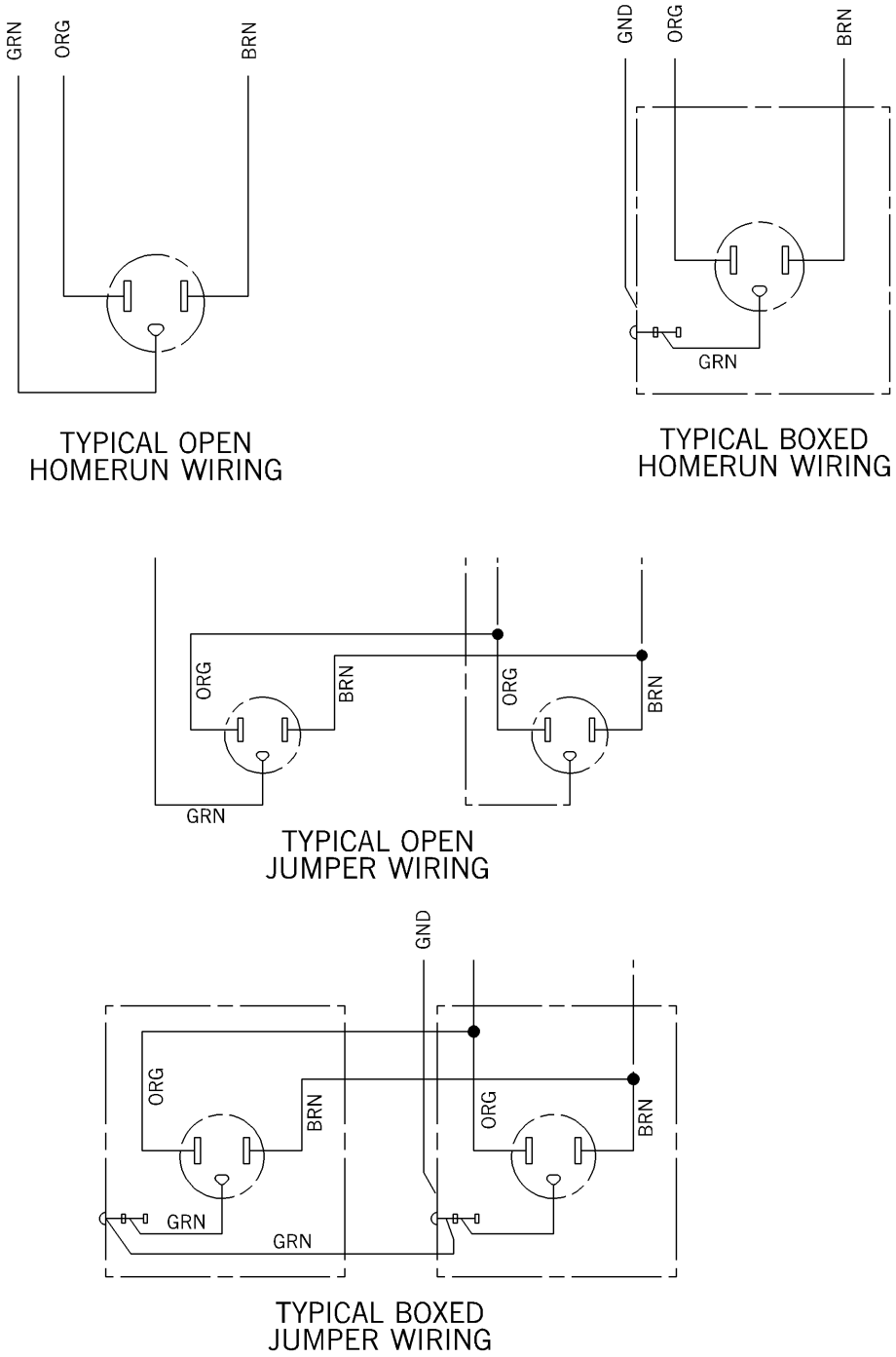
Figure 3-5. Isolated Power Receptacles



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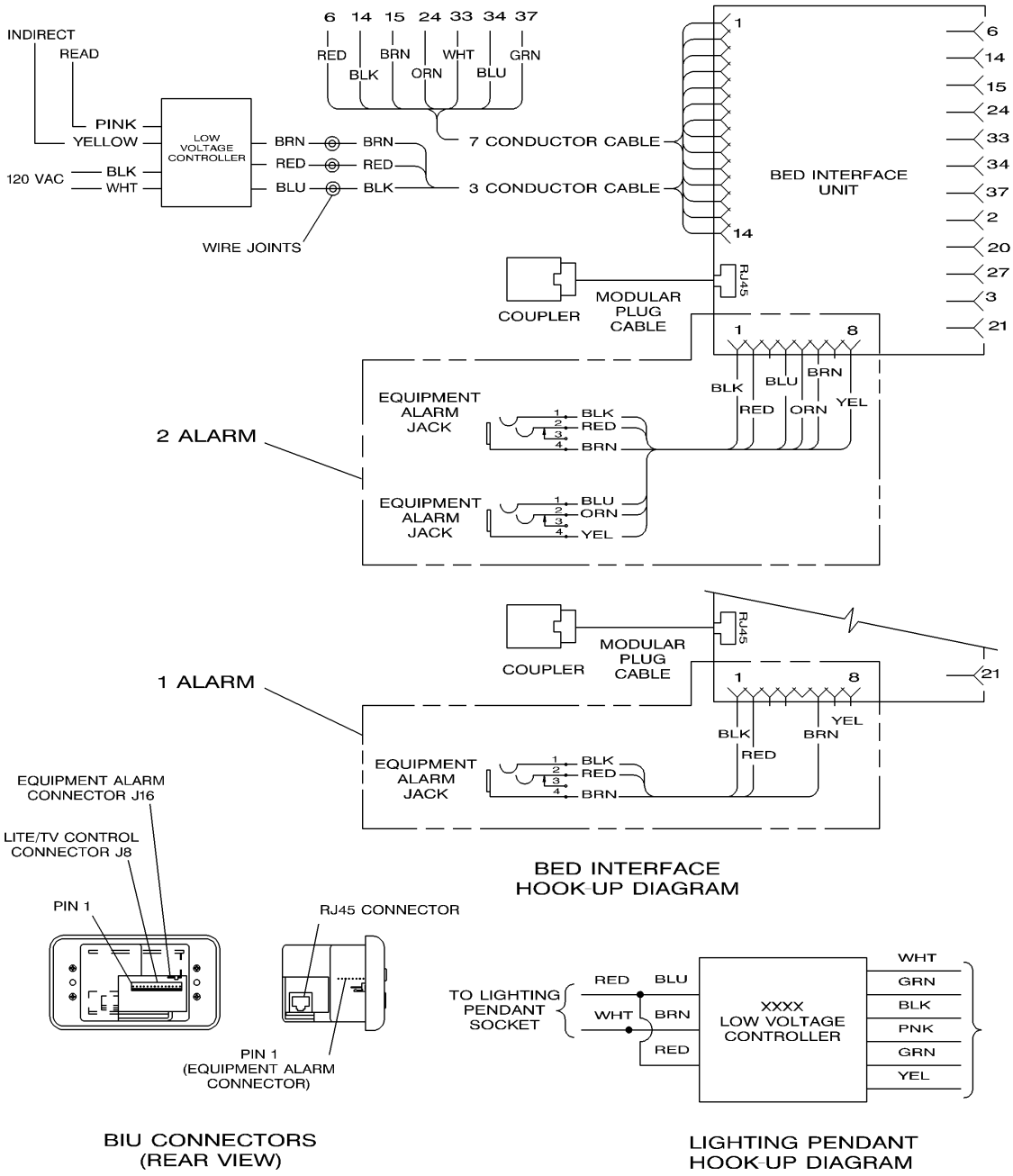
Bed Locator

Figure 3-6. Bed Locator Wiring Diagram



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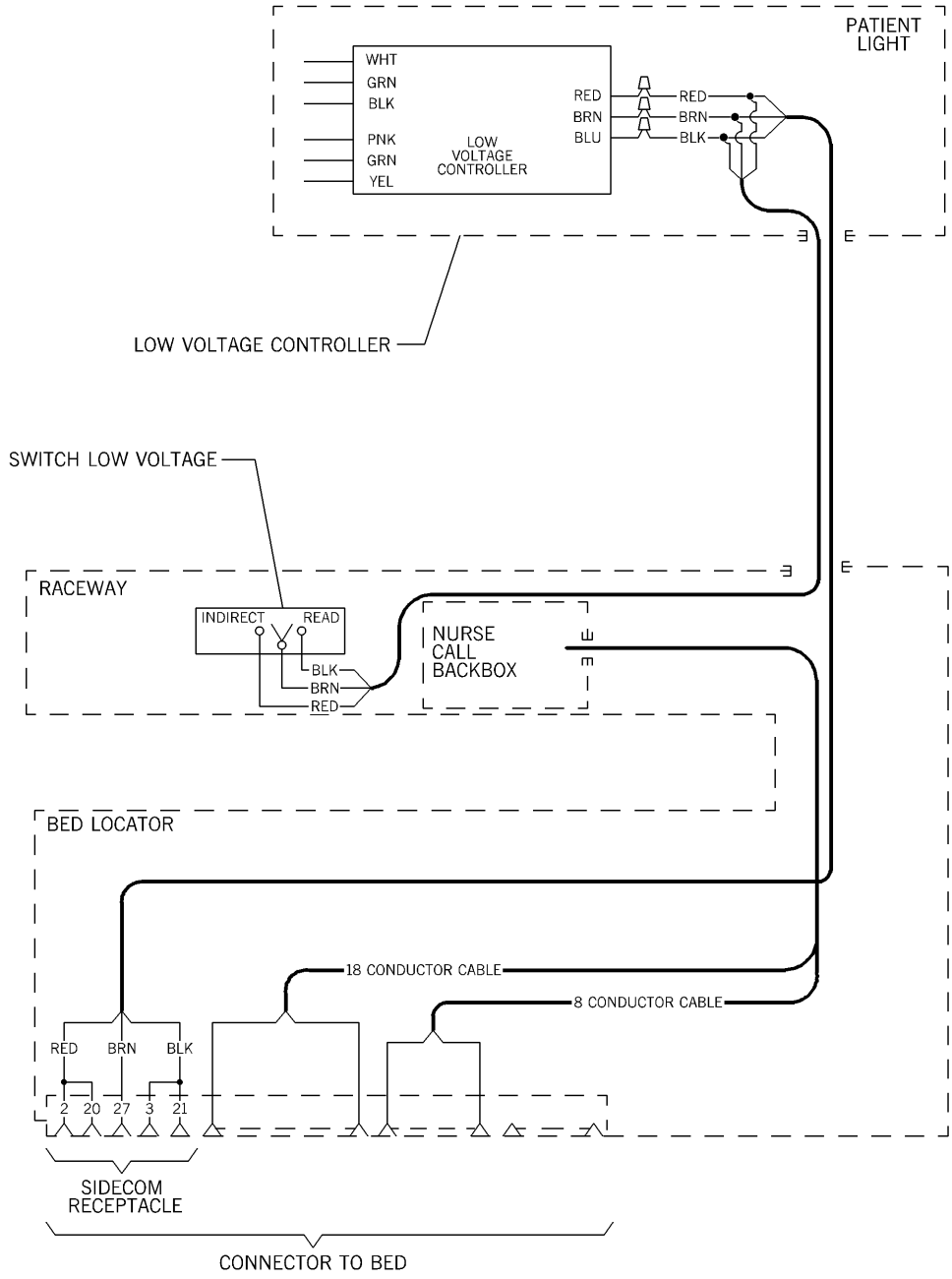
Low Voltage Wiring Diagrams

Figure 3-7. Low Voltage Wiring Diagrams



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Console or Chase Theory

Console Raceway

The chaseless version of the Integris® 2000 Headwall System has standard power, emergency power, and communications cabling attached to it directly from wall boxes mounted in the wall. The Integris® 2000 Headwall System routes medical gas services directly from the wall into the lower section of the console raceway. An Integris® Patient Light and a Bed Locator may optionally be installed to interface with the Integris® 2000 Headwall System.

Chase and Shroud

The vertical chase and shroud carries the services from the ceiling to left- and/or right-hand mounted raceways. The back of the chase and shroud (next to the wall) routes medical gases to the raceways. The right- or left-handed raceways receive their standard power, emergency power, and communications from the ceiling through the vertical chase.

Bed Locator

The bed locator protects the room walls while properly positioning the bed to vital services. The bed locator can be equipped with both normal and emergency power, SideCom® Communication System receptacle, bed receptacle, telephone jack, and dedicated night light.

Medical Gases

Copper tubing with a ½" (12.7 mm) inside diameter carries the oxygen and air. Copper tubing with a ¾" (19 mm) inside diameter carries the vacuum.

Standard Power

Standard power is available to the Integris® 2000 Headwall System through a standard power circuit breaker box.

Emergency Power

Emergency power is available to the Integris® 2000 Headwall System through an emergency power circuit breaker box.

Communications/Low Voltage

Communications are carried by low voltage.

Chapter 4
Removal, Replacement, and Adjustment Procedures

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4.1 Duplex Receptacle

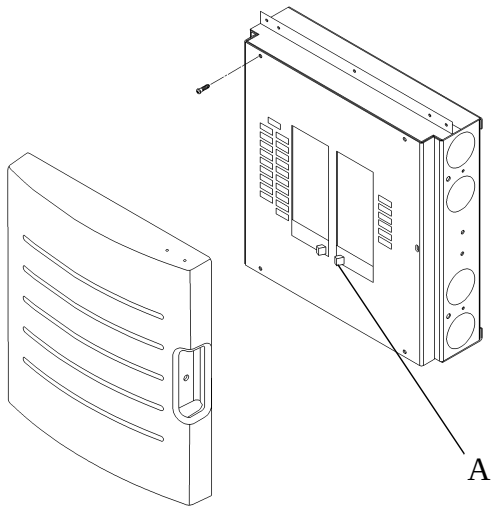
Tools required: Phillips head screwdriver

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.

Figure 4-1. Standard or Emergency Circuit Breaker Box



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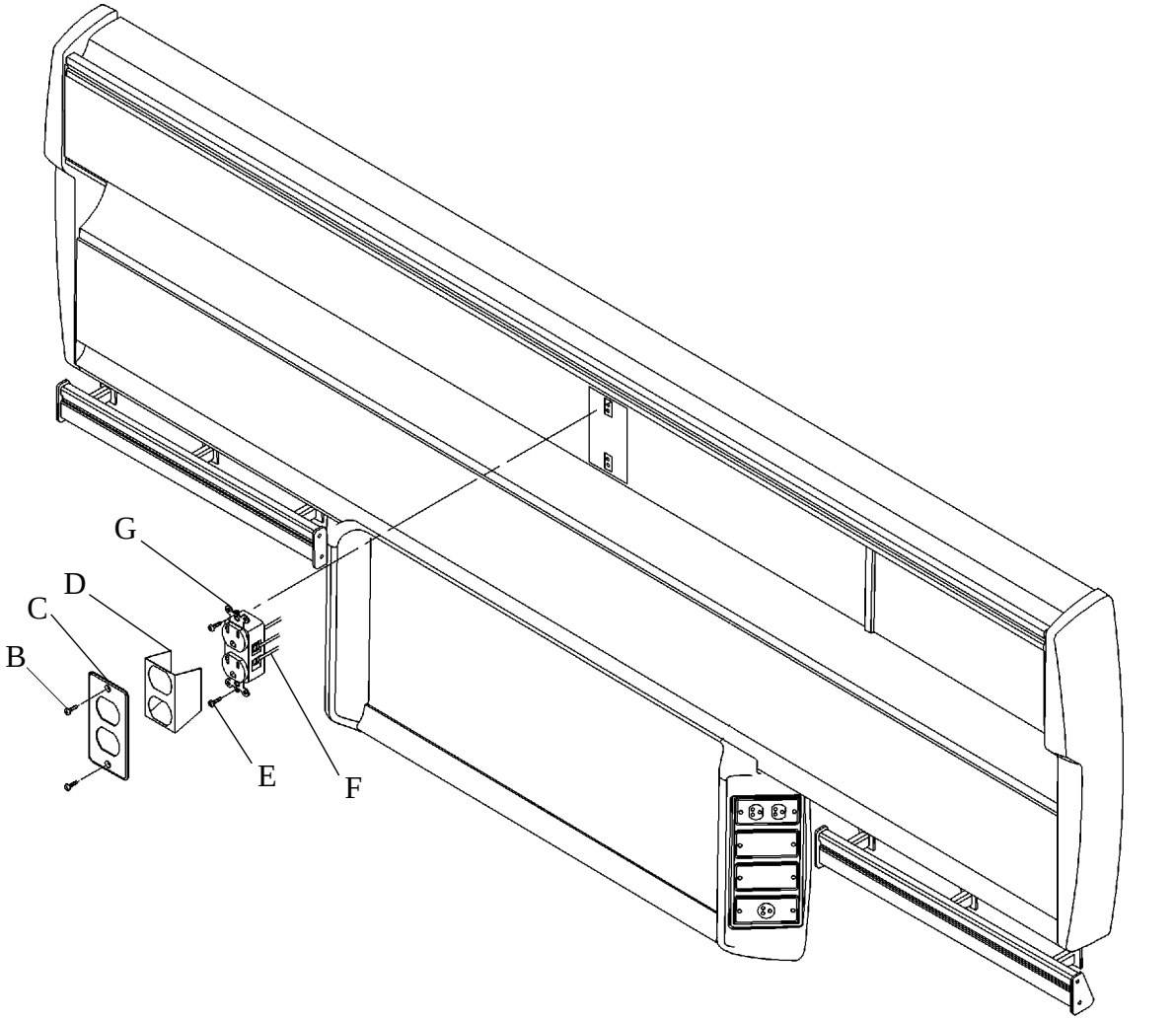
3. Remove the screws (B) from the duplex receptacle faceplate (C) (see figure 4-2 on page 4-4).

Figure 4-2. Duplex Receptacle Removal



4. Remove the duplex faceplate (C) and insulator (D), if so equipped.
5. Remove the duplex receptacle attaching screws (E).
6. Pull the duplex receptacle (G) out of the opening in the raceway.
7. Loosen the screws holding the color-coded wires (F).
8. Note the colors of the wires and their location.
9. Remove the wires from the terminals.

Replacement

1. Replace the color-coded wires (F) at their original terminals.
2. Tighten the terminal screws.
3. Push the duplex receptacle (G) into the raceway.
4. Install the duplex receptacle attaching screws (E).
5. Tighten the duplex receptacle attaching screws (E).
6. Install the insulator (D), if so equipped, and the duplex faceplate (C) onto the raceway, and tighten the screws (B).
7. Remove the lockout and out-of-service tags.
8. Turn the circuit breaker (A) ON (see figure 4-1 on page 4-3).
9. Test the receptacle for availability of power. See “Bed Receptacle—Standard or Emergency—Is Inoperative” on page 2-11.

4.2 Bed Receptacle

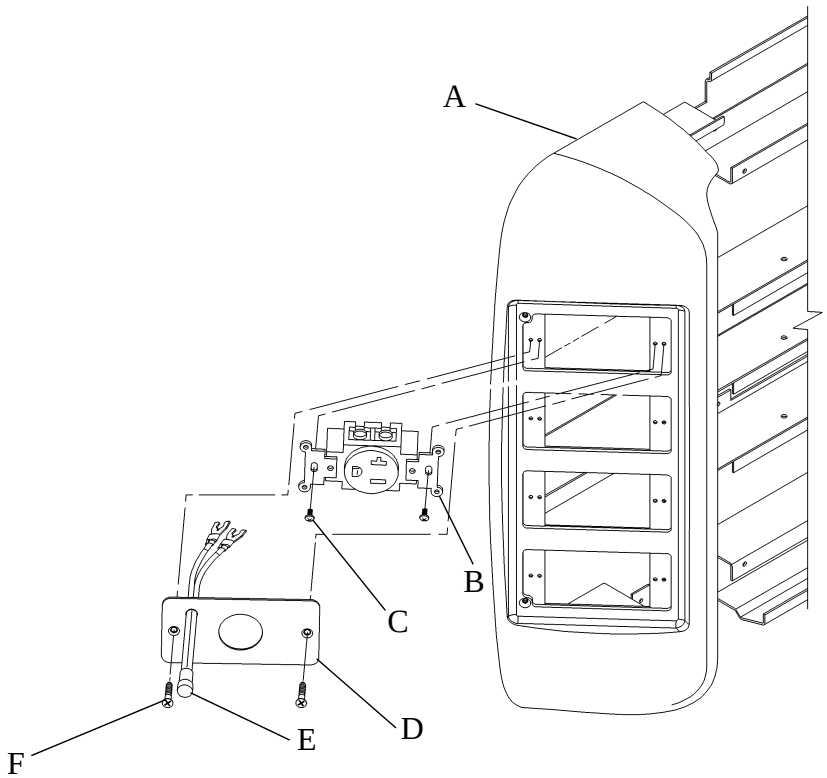
Tools required: Phillips head screwdriver

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Using the phillips head screwdriver, remove the faceplate screws (F) and the faceplate (D) (see figure 4-3 on page 4-6).

Figure 4-3. Bed Receptacle Removal



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4. Remove the faceplate (D) from the raceway (A).
5. Leave the indicator (E) in position on the faceplate (D).
6. Loosen the receptacle screws (C) until the bed receptacle (B) can be lifted away from the device plate.
7. Note and record the positions of the color-coded wires.
8. Loosen the screws holding the wires.
9. Remove the power supply and indicator wires from the bed receptacle (B).

Replacement

1. Place the indicator (E) and power supply wires onto the receptacle terminal screws.
2. Tighten the terminal screws.
3. Align the receptacle (B) with the retaining holes in the raceway (A).
4. Install and tighten the two receptacle screws (C) into the device plate.
5. Insert the faceplate (D) and indicator (E) onto the device plate.
6. Install and tighten the two faceplate screws (F) to secure the faceplate (D) on the device plate.
7. Set the circuit breaker to the ON position.
8. Remove the lockout and out-of-service tags.
9. Test the receptacle for availability of power. See “Bed Receptacle—Standard or Emergency—Is Inoperative” on page 2-11.

4.3 Single Receptacle

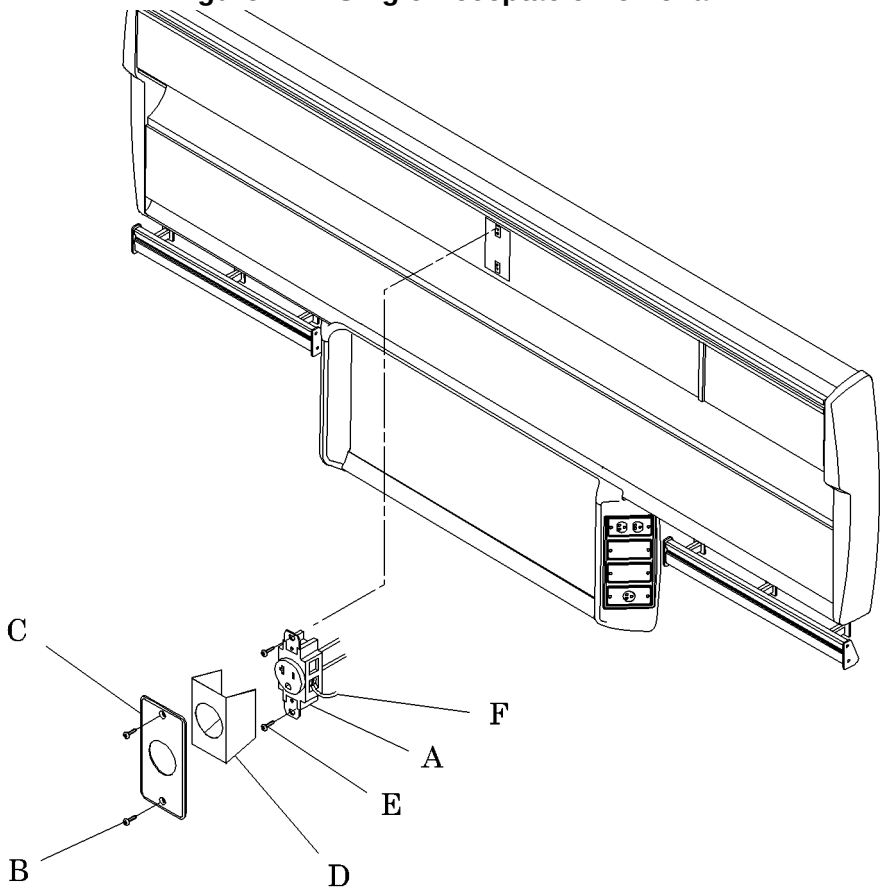
Tools required: Phillips head screwdriver

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Using the phillips head screwdriver, remove the screws (B) and the faceplate (C) from the single receptacle device plate (see figure 4-4 on page 4-9).

Figure 4-4. Single Receptacle Removal



4. Remove the insulator (D), if so equipped.

5. Loosen the receptacle screws (E) until the single receptacle (A) will lift away from the device plate.

6. Note and record the positions of the color-coded wires (F).

7. Unscrew the wire terminal screws just enough to remove the color-coded wires (F) from the single receptacle (A).

Replacement

1. Install the color-coded wires (F) to the proper terminals on the receptacle (A).

2. Tighten the terminal screws on the single receptacle (A).

3. Align the receptacle screws (E) with the holes in the raceway, and install the single receptacle (A) on the raceway.
4. Install the insulator (D), if so equipped.
5. Install the faceplate (C) and the screws (B) on the raceway.
6. Remove the lockout and out-of-service tags.
7. Set the circuit breaker to the ON position.
8. Test the single receptacle (A) for power. See “Chart Light Does Not Come On” on page 2-6.

4.4 Dimmer Switch

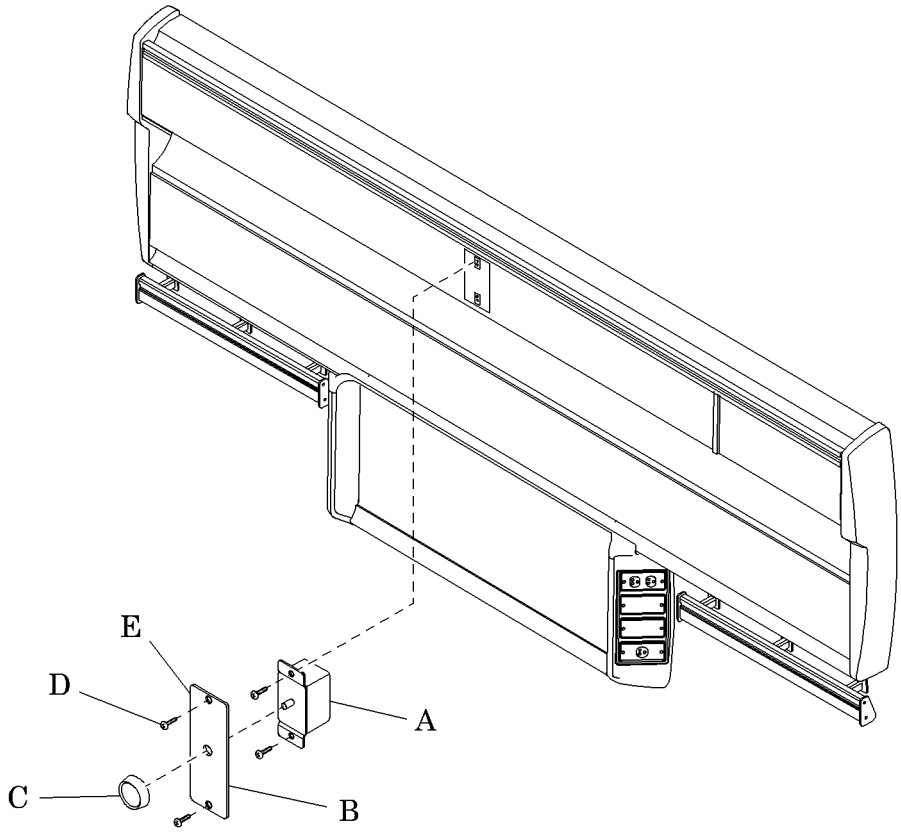
Tools required: Phillips head screwdriver

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Remove the dimmer switch button (C) (see figure 4-5 on page 4-11).

Figure 4-5. Dimmer Switch Removal



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4. Using the phillips head screwdriver, remove the faceplate screws (D) and the faceplate (B).

5. Take out the switch raceway retaining screws (E), and remove the switch (A).

6. Record the positions of the color-coded wires on the switch terminals.

7. Loosen the terminal screws on the switch (A), and remove the wires from the switch (A).

Replacement

1. Place the color-coded wires in their original positions on the switch (A).

2. Tighten the terminal screws to hold the wires firmly in place.

3. Install the switch (A) on the raceway, and tighten the switch raceway retaining screws (E).

4. Place the faceplate (B) on the raceway, and install the faceplate screws (D).

5. Install the dimmer switch button (C) on the shaft.

6. Remove the lockout and out-of-service tags.

7. Set the switch circuit breaker to the ON position.

8. Test to see if the switch (A) is working. See “Dimmer Switch Does Not Operate the Light” on page 2-9.

4.5 Line Voltage Switch

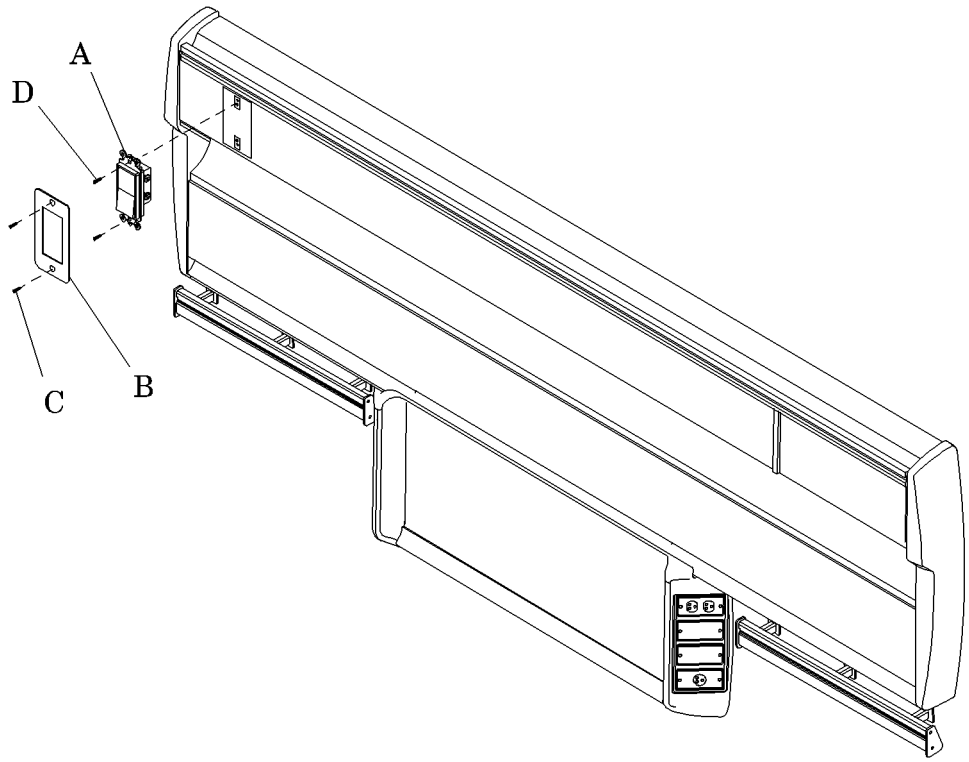
Tools required: Phillips head screwdriver

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Using the phillips head screwdriver, remove the faceplate screws (C) and the faceplate (B) (see figure 4-6 on page 4-13).

Figure 4-6. Line Voltage Switch Removal



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4. Take out the switch raceway retaining screws (D), and remove the switch (A).
5. Record the positions of the color-coded wires on the switch terminals.
6. Loosen the terminal screws on the switch, and remove the wires from the switch (A).

Replacement

1. Place the color-coded wires in their original positions on the switch (A).
2. Tighten the terminal screws to hold the wires firmly in place.
3. Install the switch (A) on the raceway.
4. Install and tighten the switch raceway retaining screws (D).
5. Place the faceplate (B) on the raceway, and install the faceplate screws (C).
6. Remove the lockout and out-of-service tags.
7. Set the circuit breaker to the ON position.
8. Test the operation of the switch (A). See “Line Voltage Switch Does Not Operate Attached Device” on page 2-10.

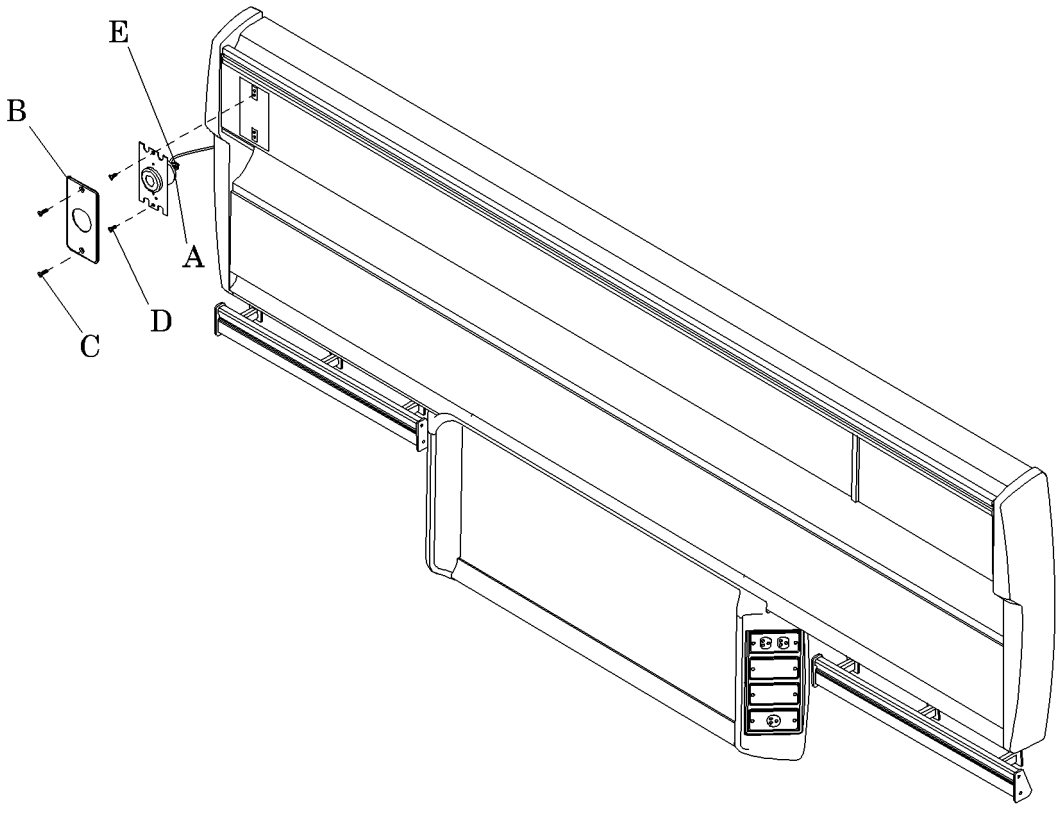
4.6 Ground Jack Receptacle

Tools required: Phillips head screwdriver

Removal

1. Using the phillips head screwdriver, remove the screws (C) and the faceplate (B) from the raceway (see figure 4-7 on page 4-15).

Figure 4-7. Ground Jack Receptacle Removal



2. Unscrew the ground mounting plate screws (D), and lift the mounting plate away from the raceway.

3. Loosen the ground wire fastener (E) just enough to remove the ground wire from the ground receptacle (A).

Replacement

1. Install the ground receptacle (A) and the ground mounting plate.
2. Place the ground wire on the terminal, and tighten the ground wire fastener (E) to hold it in place.
3. Align the ground mounting plate screws (D) with the holes in the raceway, and install the ground plate on the device plate.
4. Install the faceplate (B) and screws (C) on the raceway.
5. Test for availability of ground with a ground test light.

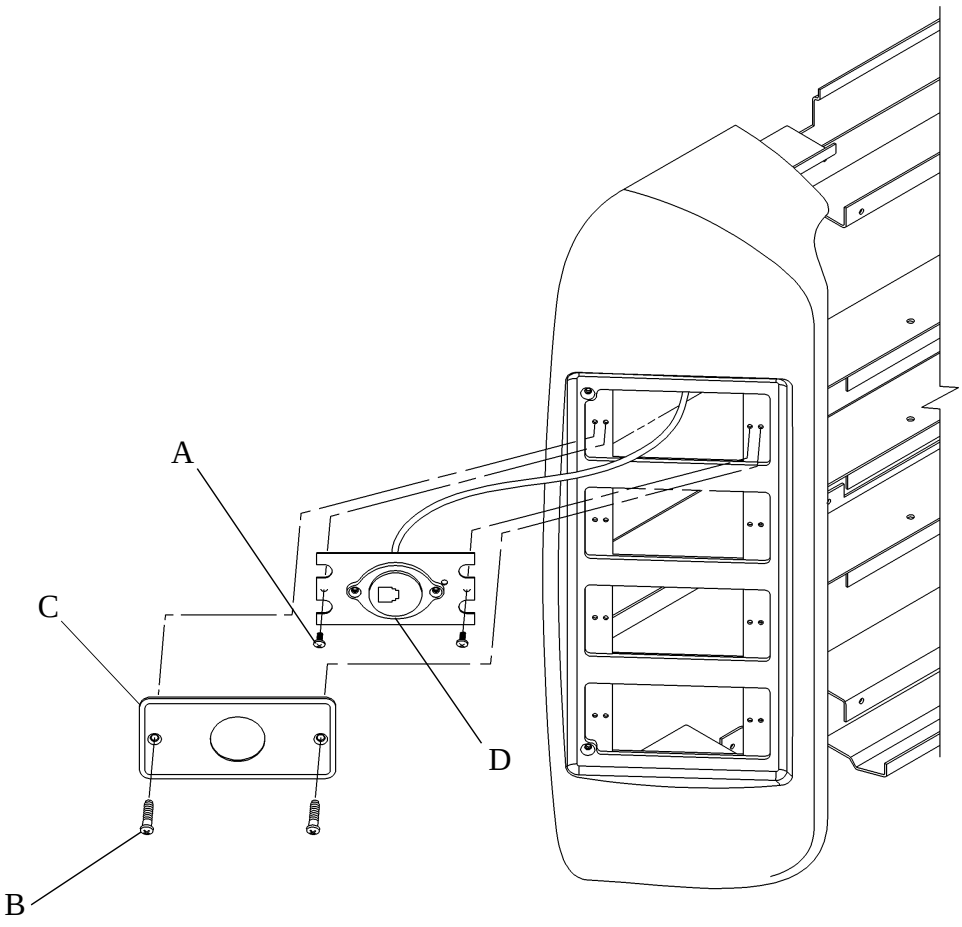
4.7 Telephone Receptacle

Tools required: Phillips head screwdriver

Removal

1. Using the phillips head screwdriver, remove the screws (B) and the patient phone faceplate (C) from the raceway (see figure 4-8 on page 4-17).

Figure 4-8. Telephone Receptacle Removal



2. Remove the phone plate screws (A) until the patient phone faceplate (C) lifts away from the raceway.

3. Remove the telephone interface connector from the back of the modular phone receptacle (D).

Replacement

1. Install the telephone interface connector into the back of the modular phone receptacle (D).
2. Install the modular phone receptacle (D) into the patient phone faceplate (C) with the phone plate screws (A).
3. Install the patient phone faceplate (C) and screws (B) on the device plate.
4. Check the telephone interface connector for correct phone function.

4.8 Night Light or Chart Light Bulb

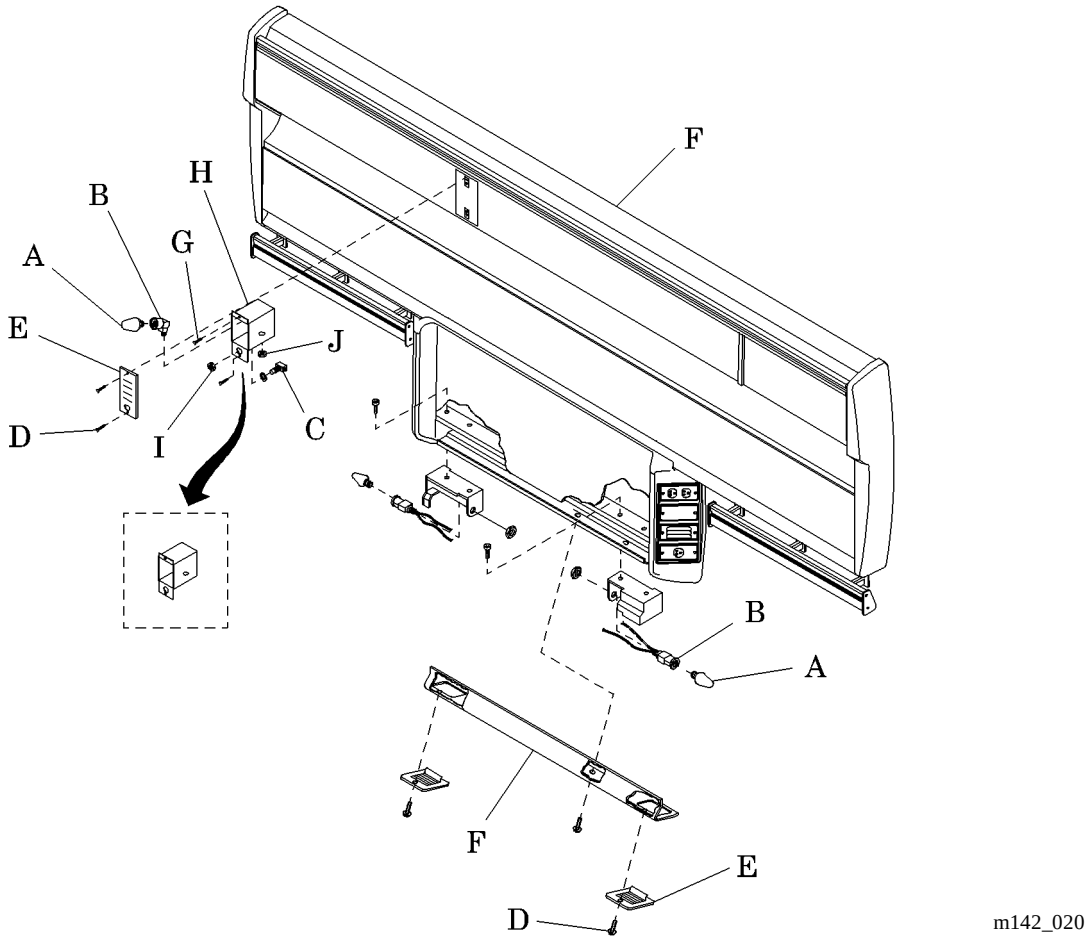
Tools required: Phillips head screwdriver

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Using the phillips head screwdriver, remove the screws (D) and the chart or night light faceplate (E) from the raceway (F) (see figure 4-9 on page 4-20).

Figure 4-9. Night Light or Chart Light Bulb



4. Remove the light bulb (A) from the fixture (B).

Replacement

1. Install the new light bulb (A) in the fixture (B).
2. Install the screws (D) and chart or night light faceplate (E) on the raceway (F).
3. Remove the lockout and out-of-service tags.
4. Set the circuit breaker to the ON position.
5. Check the night light to see if it is working.

4.9 Chart Light Switch

Tools required: Phillips head screwdriver
Adjustable wrench

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Using the phillips head screwdriver, remove the screws (D) and the chart light faceplate (E) from the raceway (F) (see figure 4-9 on page 4-20).
4. Remove the backbox attaching screws (G) from the backbox (H), and pull the backbox (H) away from the raceway (F).
5. Using the adjustable wrench, take the hex nut (I) off the base of the switch (C).
6. Lift the switch (C) away from the backbox (H).
7. Remove the switch wires from the power supply connectors.

Replacement

1. Install the power wires on the switch (C).
2. Insert the switch (C) into the backbox (H), and install the hex nut (I).
3. Install the backbox (H) and backbox attaching screws (G) on the raceway (F).
4. Install the screws (D) and chart light faceplate (E) on the raceway (F).
5. Remove the lockout and out-of-service tags.
6. Set the circuit breaker to the ON position.

7. Turn the switch on to see if the chart light is working.

4.10 Timed Light Switch and Toggle Switch

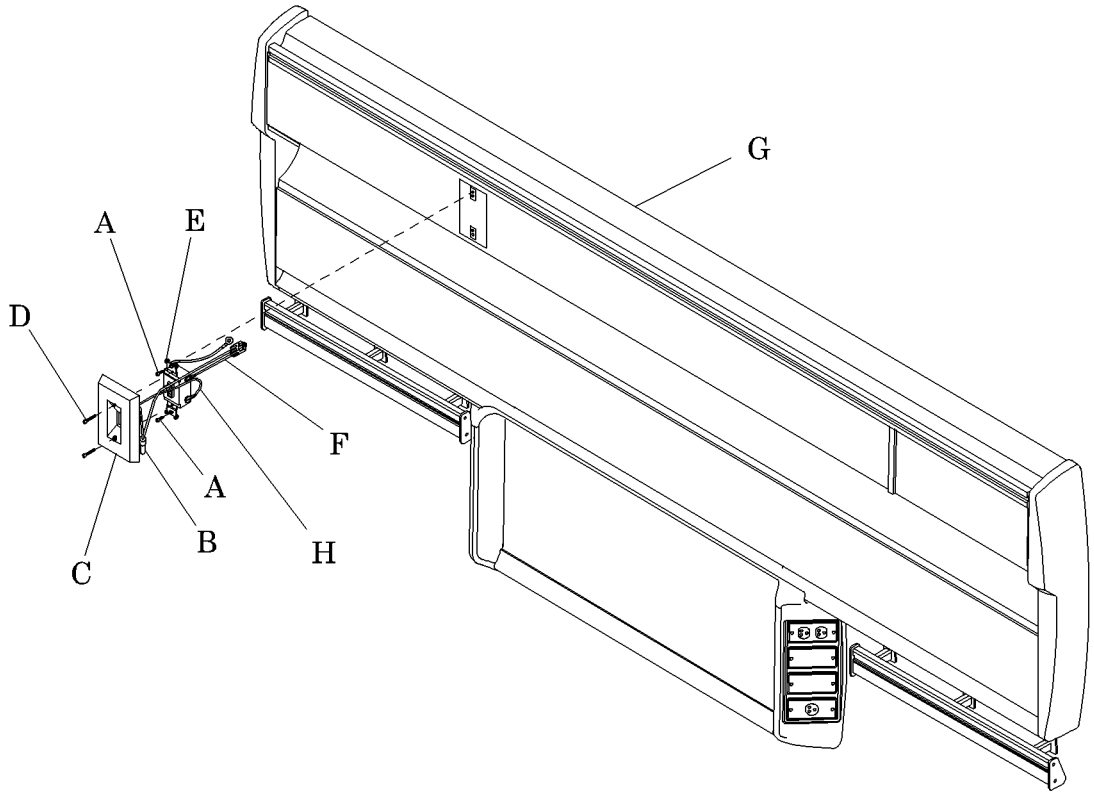
Tools required: Phillips head screwdriver

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Using the phillips head screwdriver, remove the timed light switch mounting screws (D) (see figure 4-10 on page 4-23).

Figure 4-10. Timed Light Switch and Toggle Switch



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4. Pull the timed light switch (C) away from the raceway (G).
5. Remove the wire nut (B) from the timed light switch ground wire.
6. Remove the two toggle switch mounting screws (A).
7. Pull the toggle switch (E) away from the raceway (G).
8. Loosen the screws holding the toggle switch wires (F) and timed light switch wire (H).
9. Remove the wires from the toggle switch (E).

Replacement

1. Connect the toggle switch wires (F) to the toggle switch screws.
2. Tighten the screws.
3. Connect the timed light switch wire (H) to the toggle switch screw.
4. Tighten the toggle switch screw.
5. Insert the toggle switch (E) in the raceway (G), and align the screw holes.
6. Install the two toggle switch mounting screws (A).
7. Connect the timed light switch ground wire with the wire nut (B).
8. Install the timed light switch (C) in the raceway (G).
9. Install the timed light switch mounting screws (D).
10. Remove the lockout and out-of-service tags.
11. Set the circuit breaker back to the ON position.
12. Test the timed light switch (C) and toggle switch (E) for power availability.

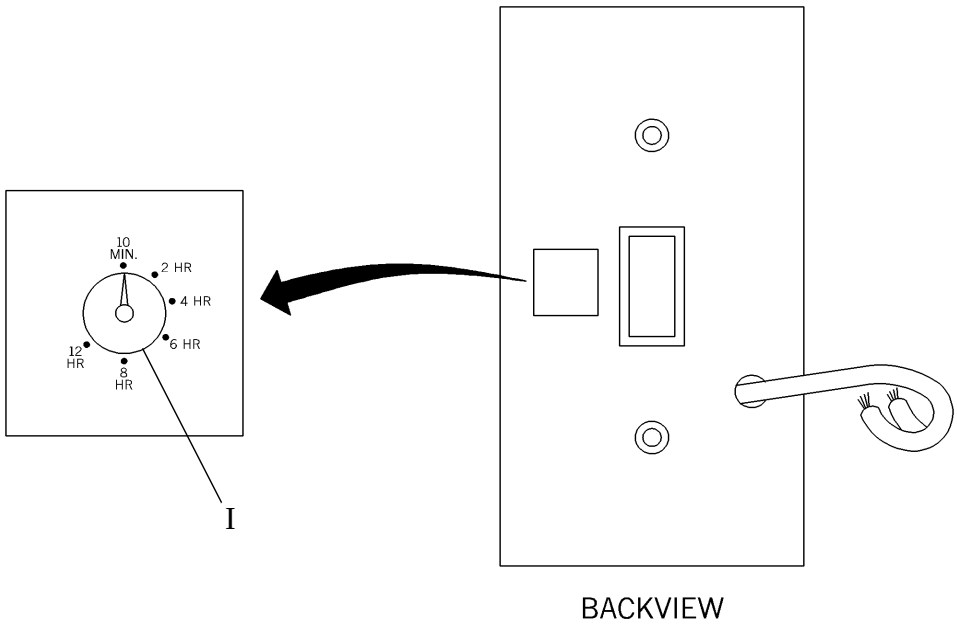
Adjustment

NOTE:
The timed light switch is adjustable from 10 minutes to 12 hours.

1. Remove the timed light switch mounting screws (D) and timed light switch (C).

2. Find the dial (I) on the back of the cover (see figure 4-11 on page 4-25).

Figure 4-11. Light Switch Timer Adjustment



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3. Adjust the dial (I) to the desired setting between 10 minutes and 12 hours.

4. Replace the cover, and check for the proper delay after switching the light off.

4.11 Indirect/Read Light Switch

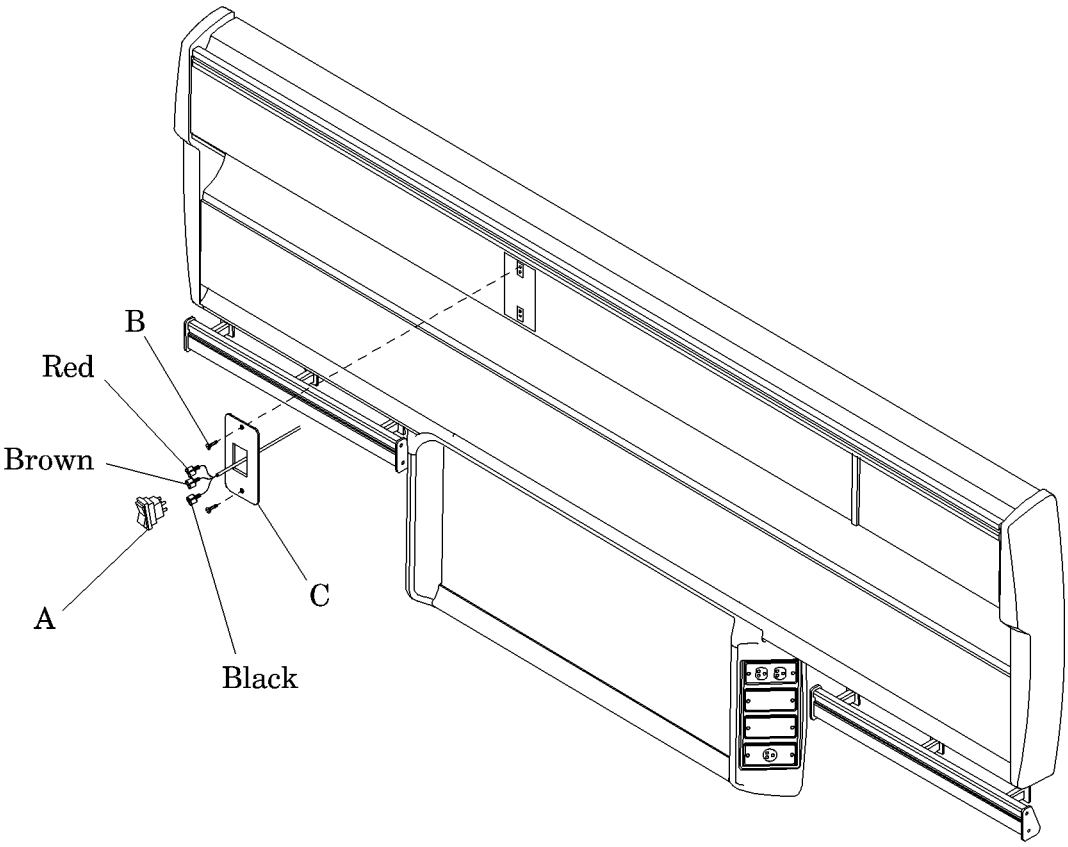
Tools required: Phillips head screwdriver

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Using the phillips head screwdriver, remove the two screws (B) from the indirect/read light switch faceplate (C) (see figure 4-12 on page 4-27).

Figure 4-12. Indirect/Read Light Switch



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4. Note the color of the wires as you disconnect the three wires from the back of the switch (A).

5. Remove the switch (A) from the indirect/read light switch faceplate (C).

Replacement

1. Install the switch (A) on the indirect/read light switch faceplate (C).

2. Install the three colored wires on the back of the switch (A) as they were before.

3. Install the indirect/read light switch faceplate (C) on the raceway.\

4. Ensure the light switch works properly by turning it on.

4.12 Circuit Breaker (Standard/Emergency Power)

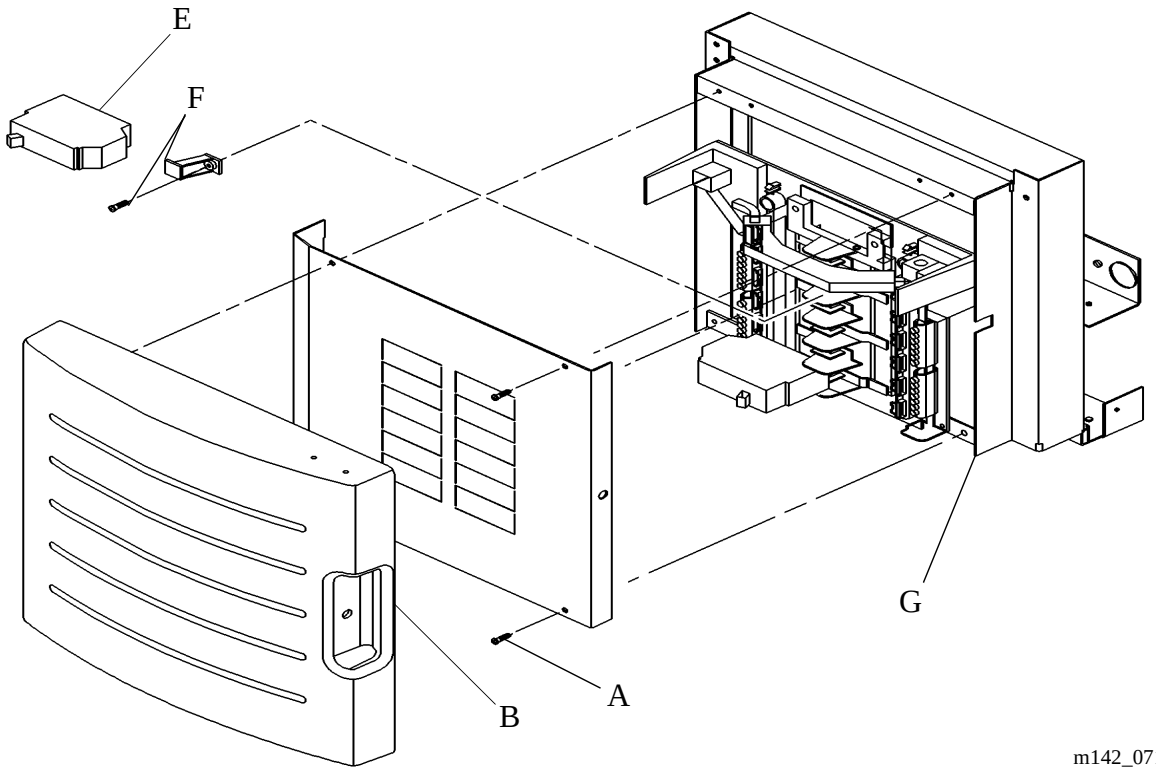
Tools required: Screwdriver

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Note the position of the Integris® 2000 Headwall System circuit breaker (G) to be replaced (see figure 4-13 on page 4-28).

Figure 4-13. Circuit Breaker (Standard/Emergency Power)



4. Remove the breaker cover assembly (B) and the dead front panel (A).

5. Using the screwdriver, remove the retaining screw and kit (F) for the malfunctioning circuit breaker (E) (for main breaker only).
6. Lift the circuit breaker (E) from the breaker box.
7. Note the color coding and placement of the wires in the circuit breaker (E).
8. Remove one, two, or three wires from the one-pole, two-pole, or three-pole circuit breaker (E).

Replacement

1. Install the color-coded wires in the circuit breaker (E) in their original places.
2. Align the circuit breaker (E) and the retaining screw and kit (F) if so equipped, to install the screw that holds the circuit breaker (E) in place.
3. Install the dead front panel (A) and breaker cover assembly (B).
4. Remove the lockout and tagout from the building circuit breaker,
5. Set the building circuit breaker back to the ON position.
6. Check the Integris® 2000 Headwall System circuit breaker (G) for proper functionality in its circuit.

4.13 Demand Valves (Oxygen, Vacuum, Air)

Tools required: Adjustable wrenches

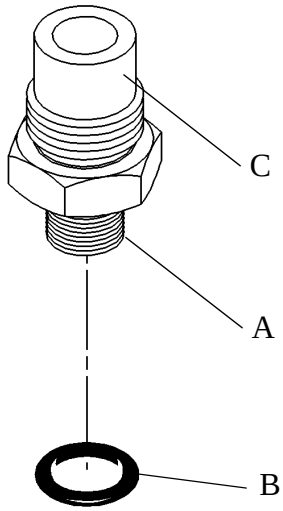
Parts required: (As required) 29030 Lubricant
O-ring

Removal

WARNING:
Prior to performing any gas system maintenance, shut off the medical gas supply, and tag out the valve. Failure to do so could result in a fire or explosion. Personal injury or equipment damage could occur.

1. Turn off the facility's gas supply.
2. Tag out the shut-off valve.
3. Take hold of the demand valve (C) with a wrench before removing the hose (see figure 4-14 on page 4-30).

Figure 4-14. Demand Valve and O-ring



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4. Remove the hose assembly from the demand valve (C).
5. Take hold of the manifold port with a wrench before removing the demand valve (C).
6. Remove the demand valve (C) from the gas manifold assembly port.

7. Remove the O-ring (B) from the base of the threaded area (A) on the demand valve.

Replacement

WARNING:
Make certain the gas demand valve matches the gas manifold port (oxygen to oxygen, air to air, vacuum to vacuum). Failure to do so could result in fire or explosion during subsequent use of the gas system. Personal injury or equipment damage could occur.

1. Apply 29030 lubricant sparingly to the O-ring (B).
2. Place the O-ring (B) on the demand valve (C).
3. Install the demand valve in the gas manifold port as shown in table 4-1 on page 4-31.
4. Tighten the demand valve (C) to the correct amount.

Table 4-1. Tightening Demand Valves

Demand Valve	Pound Force Per Foot
Oxygen demand valve to	14 ± 1 ft-lb (19 ± 1 N·m)
Air demand valve to	18 ± 1 ft-lb (24 ± 1 N·m)
Vacuum demand valve to	22 ± 1 ft-lb (30 ± 1 N·m)

5. Install the gas hose assembly on the demand valve (C).
6. Remove the tagout from the shut-off valve.
7. Turn on the applicable facility gas supply.
8. Test the applicable valve for leakage according to NFPA-99 and/or the contractual agreement.

4.14 Low Voltage Controller

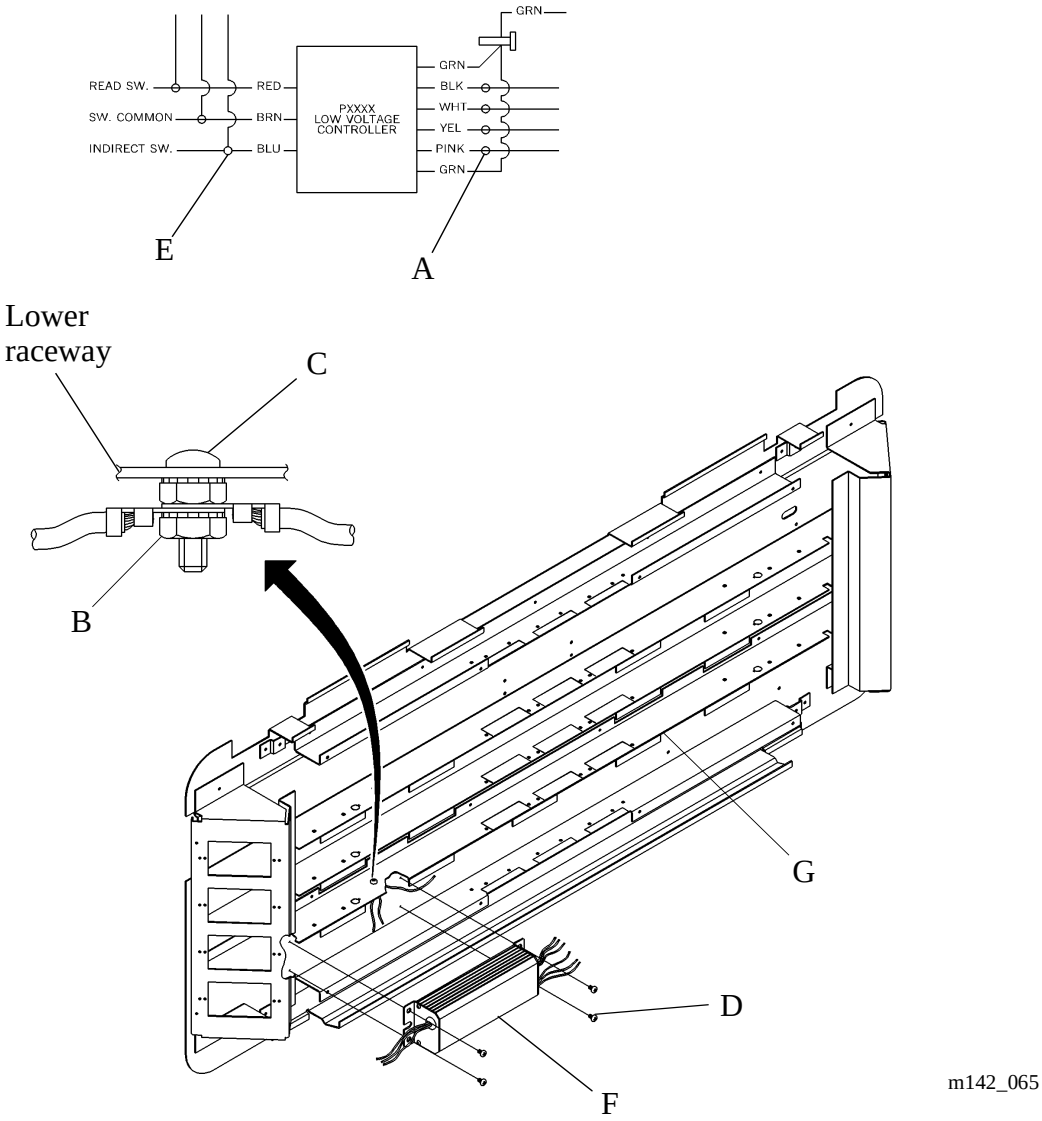
Tools required: Adjustable wrench
Screwdriver
Digital multimeter

Removal

SHOCK HAZARD:
Locate the involved building standard or emergency circuit breaker panel. Set the involved circuit breaker to OFF. Lock out and tag out the breaker. Failure to follow this procedure could cause serious personal injury and damage to the equipment.

1. Set the involved circuit breaker (A) to OFF (see figure 4-1 on page 4-3).
2. Lock out and tag out the circuit breaker.
3. Remove the bed locator access panel (refer to procedure 4.17).
4. Remove the three wire nuts (E) from the wire joints leading to the raceway and bed switches (see figure 4-15 on page 4-33).

Figure 4-15. Low Voltage Controller Removal



5. Separate the three wire joints.

6. Remove the four wire nuts (A) from the wires on the high voltage side of the controller.

7. Separate the four wires.

8. Using the adjustable wrench, remove the nut (B) from the ground stud (C), and remove the two ground wires.

9. Using the screwdriver, remove the low voltage controller mounting screws (D) and the low voltage controller (F) from the backplate assembly (G).

Replacement

1. Before replacing the low voltage controller, use the digital multimeter, and check the following resistances between the black and white leads (when removed from the power leads):
   - 120V AC 500 ohms, plus or minus 100 ohms
   - 240V AC 1800 ohms, plus or minus 100 ohms
   - 277V AC 2500 ohms, plus or minus 100 ohms
2. Align the low voltage controller (F) with mounting screw holes on the barrier behind the backplate assembly (G).
3. Install the low voltage mounting screws (D).
4. Insert the two ground wires on the ground stud (C), and tighten the screws.
5. Connect the four wires to the high voltage side of the low voltage controller (F).
6. Install the four wire nuts (A).
7. Connect the three wires to the wires leading to the raceway and bed switches.
8. Install the three wire nuts (E).
9. Install the bed locator access panel (refer to procedure 4.17).
10. Remove the lockout and tagout from the building circuit breaker.
11. Set the building circuit breaker back to the ON position.
12. Test the low voltage controller (F) for power availability.

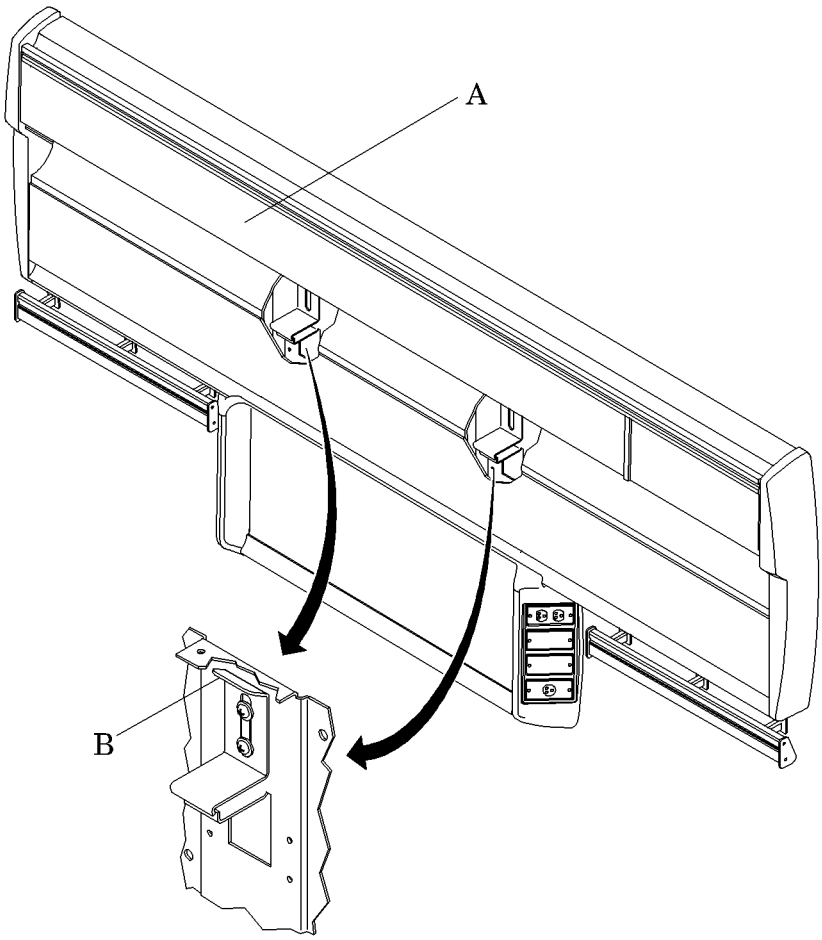
4.15 Medical Gas Hose Panel—P2002

Tools required: None

Removal

1. Locate the hose panel latches (B) under the raceway (A) (see figure 4-16 on page 4-35).

Figure 4-16. Medical Gas Hose Panel



2. Reach up under the raceway (A), and push up on the hose panel latches (B).

3. Pull the top part of the hose panel out of the raceway (A), and lift the cover from the hose panel mounting brackets.

Replacement

1. Place the hose panel on the hose panel mounting brackets, and rotate the top of the panel into the raceway (A) until the hose panel latches (B) snap into place.

2. Ensure the panel is back on securely by giving it a small tug.

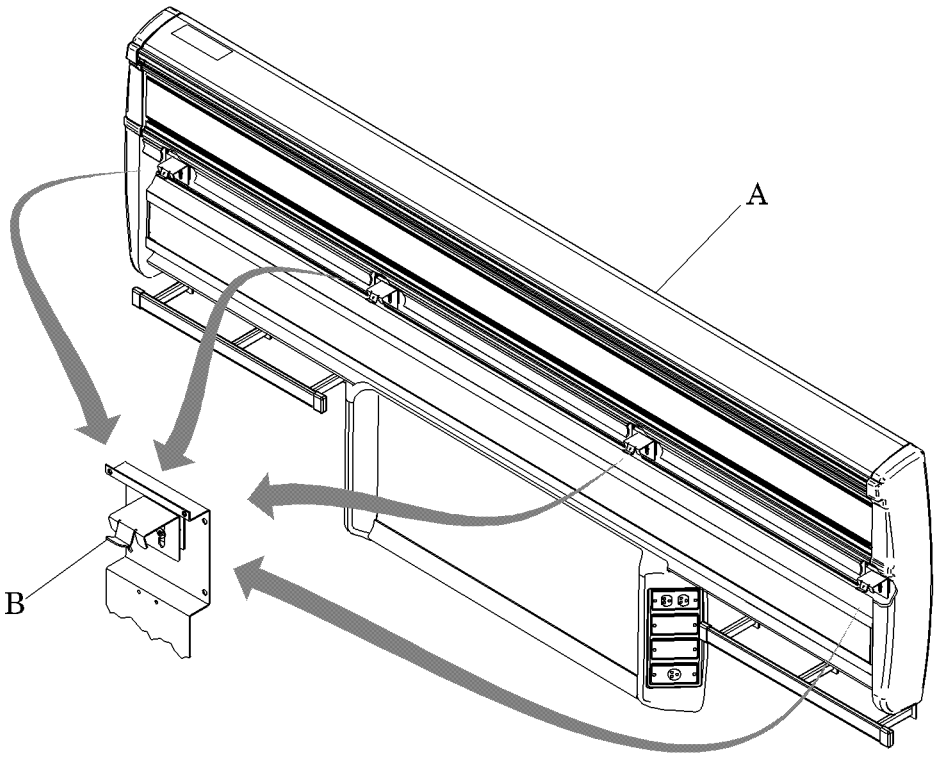
4.16 Medical Gas Hose Panel—P2002A/P2002B

Tools required: None

Removal

1. Locate the hose panel latches (B) under the raceway (A) (see figure 4-17 on page 4-37).

Figure 4-17. Medical Gas Hose Panel



2. Reach up under the raceway (A), and push up on the hose panel latches (B).

3. Pull the top part of the hose panel out of the raceway (A), and lift the cover from the hose panel mounting brackets.

Replacement

Place the hose panel on the hose panel mounting brackets, and rotate the top of the panel into the raceway (A) until the hose panel latches (B) snap into place.

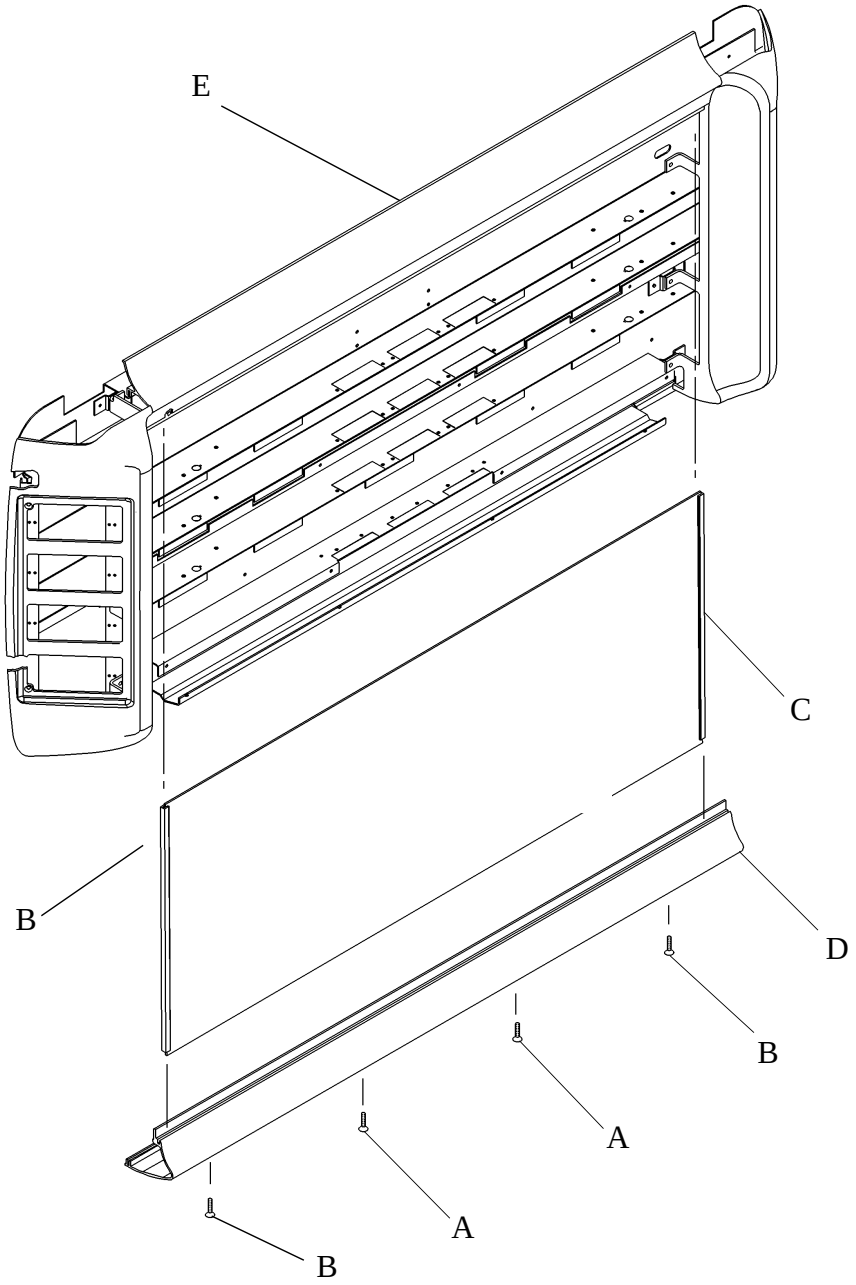
4.17 Bed Locator Access Panel Cover

Tools required: Phillips head screwdriver

Removal

1. Using the phillips head screwdriver, remove the center two lower rail attaching screws (A) (see figure 4-18 on page 4-38).

Figure 4-18. Bed Locator Access Panel Cover



2. Slightly loosen the outer two lower rail attaching screws (B).

3. Hold the access panel cover (C), and lower rail (D) in place with one hand while removing the outer two lower rail attaching screws (B) with the other hand.

4. Remove the lower rail (D) and the access panel cover (C).

Replacement

1. Place the access panel cover (C) and lower rail (D) in place on the bed locator (E), and hold them in place with one hand.

2. Install the two outer lower rail attaching screws (B), and tighten them enough to hold the access panel cover (C) and rail (D) in place.

3. Install the center two lower rail attaching screws (A), and tighten all of the lower rail attaching screws.

4. Ensure the access panel cover (C) is back on securely.

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Chapter 5
Parts List

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NOTES:

Warranty

HILL-ROM, INC.
LIMITED WARRANTY

Hill-Rom, Inc. (Hill-Rom) has a long tradition of providing superior products and service to our customer. Our goal is "Total Customer Satisfaction". In that spirit, Hill-Rom is proud to offer the following warranty.

GENERAL WARRANTY (APPLICABLE UNLESS A SPECIFIC WARRANTY IS LISTED)

Hill-Rom warrants to the original purchaser that its products and replacement parts shall be free from defects in material and workmanship for a period of one (1) year from date of delivery. Hill-Rom's obligation under this warranty is expressly limited to supplying replacement parts and/or service for, or replacing, at its option, any product which is, in the sole discretion of Hill-Rom, found to be defective. In addition to the foregoing one year warranty, Hill-Rom warrants to the original purchaser that the frame and welds on its products will be free from structural defects for the life of the product. Any product upgrade or modification initiated by Hill-Rom does not affect the original product warranty.

SPECIFIC WARRANTIES

MATTRESS WARRANTIES

Hill-Rom warrants to the original purchaser that its mattress product shall be free from defects in material and workmanship for a period of two (2) years from date of delivery. However, electro mechanical mattress components (compressors, valves, printed circuit boards, hoses, and couplers) are covered by the general one (1) year warranty.

EXPENDABLES WARRANTIES

A sixty (60) day limited warranty from date of delivery applies to expendable parts such as cushions, coverlets, software diskettes, locator badge batteries, dome light incandescent bulbs, overhead fluorescent tubes, heating elements, temperature probes, filter sheets, and microspheres. This warranty is limited to replacement of the parts covered.

TO OBTAIN PARTS AND SERVICE

In the United States, call Hill-Rom Technical Support Department at (800) 445-3720, Monday through Friday. In Canada, call Hill-Rom Technical Support Department at (800) 267-2337, Monday through Friday. Outside the United States and Canada, call your authorized Hill-Rom Distributor. In order to expedite service, we request you furnish the following information: customer identification number, product model number, serial number, and description of problem. A qualified specialist will provide, via telephone (United States and Canada), or FAX (Outside the United States and Canada), troubleshooting assistance for facility personnel and provide necessary parts to make repairs. If troubleshooting determines the need for on-site technical service, a qualified service representative will be dispatched. Replacement of non-technical items will be the responsibility of the customer. If requested by Hill-Rom, products or parts for which a warranty claim is made shall be returned prepaid to Hill-Rom's factory.

OUT OF WARRANTY EXCHANGE POLICY

After the expiration of the original warranty, upon request, Hill-Rom will ship as a replacement, components such as selected: motors and printed circuit boards, for like units returned to Hill-Rom by the original purchaser at a substantial savings. Please call Hill-Rom Technical Support Department for current pricing.

PARTS AVAILABILITY POLICY

Hill-Rom will offer parts for new and remanufactured products for ten (10) years from date of sale; for communications products for five (5) years from date of sale.

Note: Some original component parts and assemblies may not be available; functional equivalents may be substituted.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE. HILL-ROM'S OBLIGATION UNDER THESE WARRANTIES SHALL NOT INCLUDE ANY LIABILITY FOR LOSS OF PROFITS, DIRECT, INDIRECT OR CONSEQUENTIAL DAMAGES OR DELAYS. Some states, provinces, or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply. Any improper or negligent use, any alterations or repairs not in accordance with Hill-Rom's manuals or performed by others in such manner as in Hill-Rom's sole judgment affects the product materially and adversely, shall void these warranties. These warranties do not cover failures due to misuse, abuse, neglect, or lack of routine maintenance. No employee or representative of Hill-Rom is authorized to change these warranties in any way or grant any other warranty unless in writing and signed by a Hill-Rom officer. These warranties provide specific legal rights; but, there may be other available rights, which vary from state to state, province to province, or country to country.

Revised October 20, 1998

Hill-Rom Company, Inc., 1069 State Route 46 E, Batesville, IN 47006-9167

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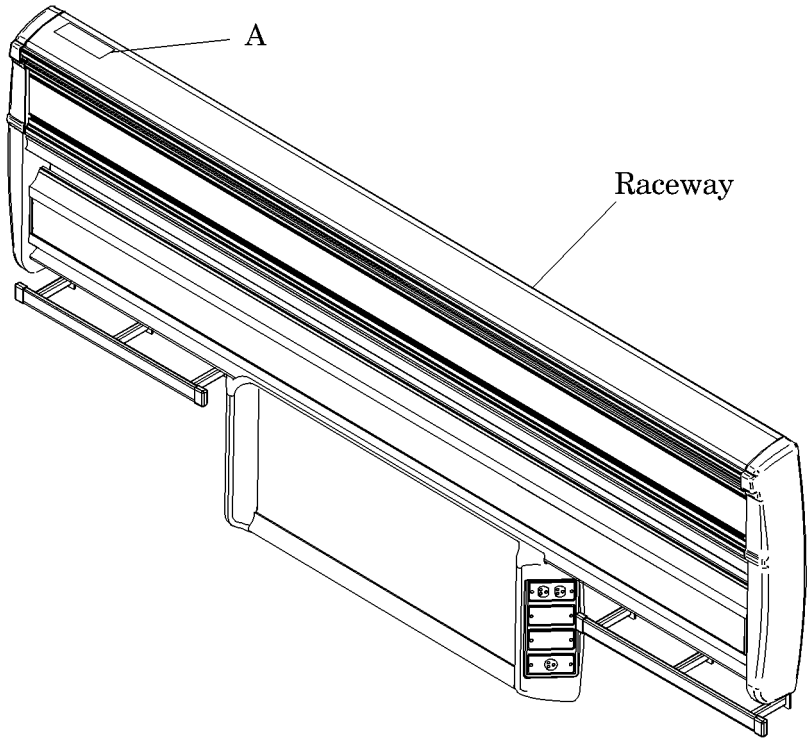
NOTES:

Service Parts Ordering

Using the parts lists in this manual, identify the part number(s) you require. Find the product number and serial number on the product identification label (A) (see figure 5-1 on page 5-9).

Figure 5-1. Product Identification Label Location



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Call Hill-Rom Technical Support at (800) 445-3720 with the following information:

- Six-digit customer account number
- Purchase order number
- Product number
- Serial number
- Part number(s)

To promptly order parts, request part prices and availability, or follow up on a service order, use the following Hill-Rom fax number:

(812) 934-8472

Terms:

- Net 30 days
- F.O.B. Batesville, IN
- Prepaid shipping charges added to invoice
- All orders shipped UPS ground unless specified

Address all inquiries to:

ATTN TECHNICAL SUPPORT—PARTS
HILL-ROM COMPANY, INC.
1069 STATE ROUTE 46 E
BATESVILLE IN 47006-9167

Address all return goods to:

ATTN SERVICE STORES
DISTRIBUTION CENTER DOOR D23
HILL-ROM COMPANY, INC.
COUNTY ROAD 300E
BATESVILLE IN 47006-9167

NOTE:
To eliminate possible delays or incorrect billings, **do not** return any items without a Return Material Authorization (RMA) number. When a return is requested, an RMA packet is included with each order. This packet includes an RMA number, instructions, and a shipping label. If an RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720.

Exchange Policy

The following are policies for in-warranty and out-of-warranty exchanges.

In-Warranty Exchanges

In some cases, Hill-Rom will request that parts/products be returned for inspection. When this occurs, you are expected to return parts/products within 30 days of receipt of the exchange part. If you fail to return the inoperative parts/products within the 30 day period, Hill-Rom will invoice your facility for the full selling price of the parts/products.

NOTE:
The preceding billing procedure pertains **only** to parts/products that Hill-Rom requests to be returned.

In some cases, the invoice accompanying the parts will show the full selling price (only for internal use at Hill-Rom). Do not confuse this price with your price.

Do not return any parts without an RMA number. When parts/products have been requested to be returned, Hill-Rom will include an RMA packet with the parts/products shipment. If an RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720.

Out-of-Warranty Exchanges

You are expected to return the inoperative parts/product within 30 days of receipt of the exchange part. Hill-Rom will include an RMA packet with the parts/products shipment. If an RMA number is not available, obtain one by phoning Hill-Rom Technical Support at (800) 445-3720. If you fail to return the equipment within 30 days, Hill-Rom will invoice your facility for **the difference between the exchange price and the new price of the part**.

Recommended Spare Parts

There are no recommended spare parts for the Integris® 2000 Headwall System.

Raceway Option—P2002 and P2002A

Figure 5-2. Raceway Option—P2002 and P2002A

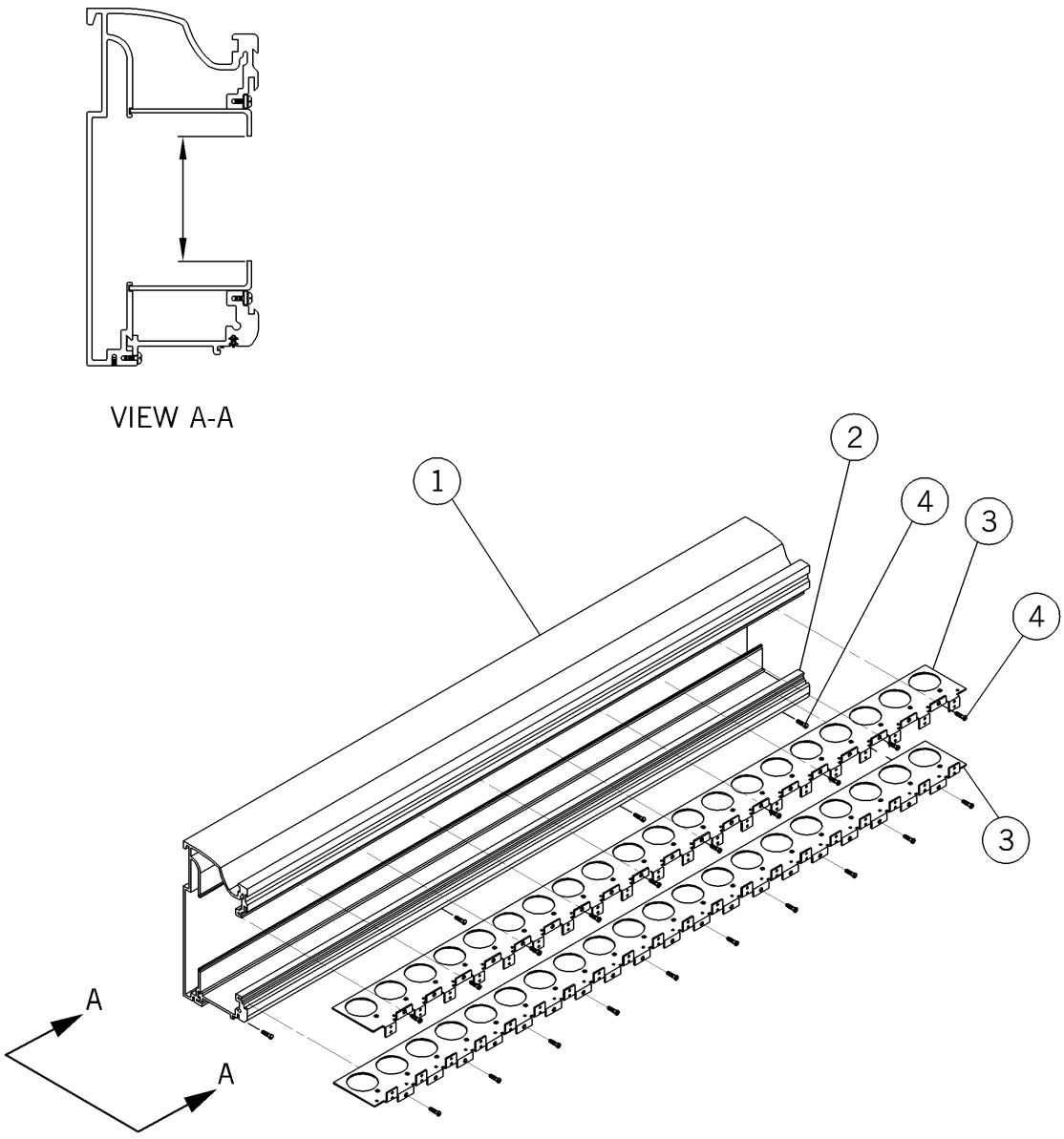

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Table 5-1. Raceway Option—P2002 and P2002A

Item Number	Part Number	Quantity	Description
1	SP48701 (2002)§§§ or SP48702 (2002)§§§	1	Raceway short Raceway long
2	SP48601 (2002)§§§ or SP48602 (2002)§§§	1	Lower cover short Lower cover long
3	SP46601 (2002) or SP46602 (2002)	2	Device knock out plate short Device knockout plate long
4	52945-03 (2002)	As required	Screw, truss

§§§ Specify paint color.

Raceway Option—P2002B

Figure 5-3. Raceway Option—P2002B

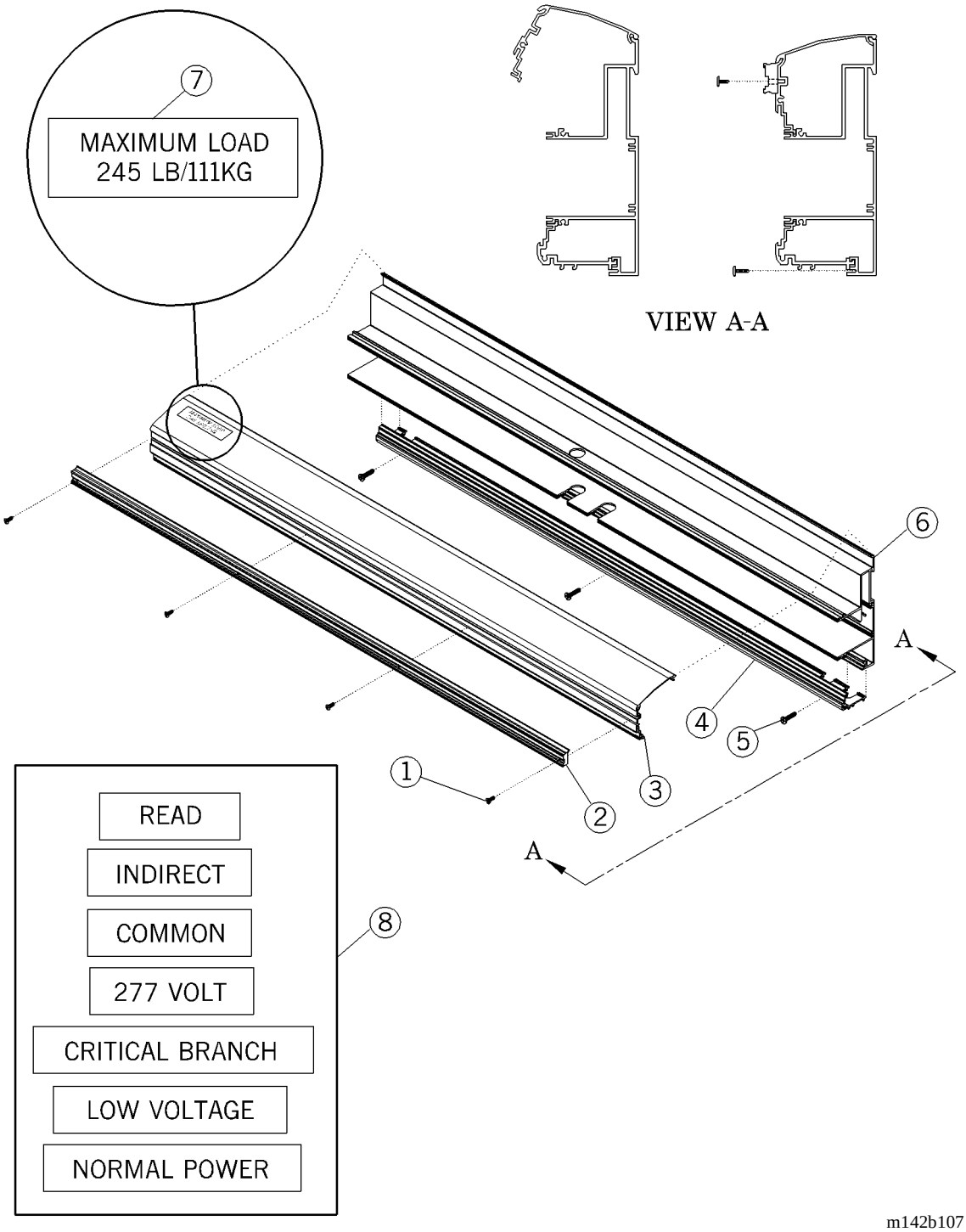

Table 5-2. Raceway Option—P2002B

Item Number	Part Number	Quantity	Description
1	52555-05 (2002)‡‡	As required	Screw
2	SP55901 (2002) or SP55930 (2002)	1	Accessory rail machined, 114" (M204125-01 only) Accessory rail machined, 30" (M204125-30 only)
3	SP55830 (2002) or SP55801 (2002)	1	Top cap machined, 30" (M204125-30 only) Top cap machined, 114" (M204125-01 only)
4	SP55530 (2002) or SP55501 (2002)	1	Raceway bottom machined, 30" (M204125-30 only) Raceway bottom machined, 114" (M204125-01 only)
5	52945-03 (2002)‡	As required	Screw, truss
6	SP55430 (2002) or SP55401 (2002)	1	Raceway base machined, 30" (M204125-30 only) Raceway base machined, 114" (M204125-01 only)
7	203586 (2002)		Label, 245 lb max load (M204125-30 only)
8	203562 (2002)	1	Label set, raceway (M204125-01 only)

‡ Use a quantity of 10 on assembly -01, and use a quantity of 4 on assembly -30.
‡‡ Use a quantity of 7 on assembly -01, and use a quantity of 3 on assembly -30.

Raceway Fascia Option (P/N M204126) P2002B

Figure 5-4. Raceway Fascia Option (P/N M204126) P2002B

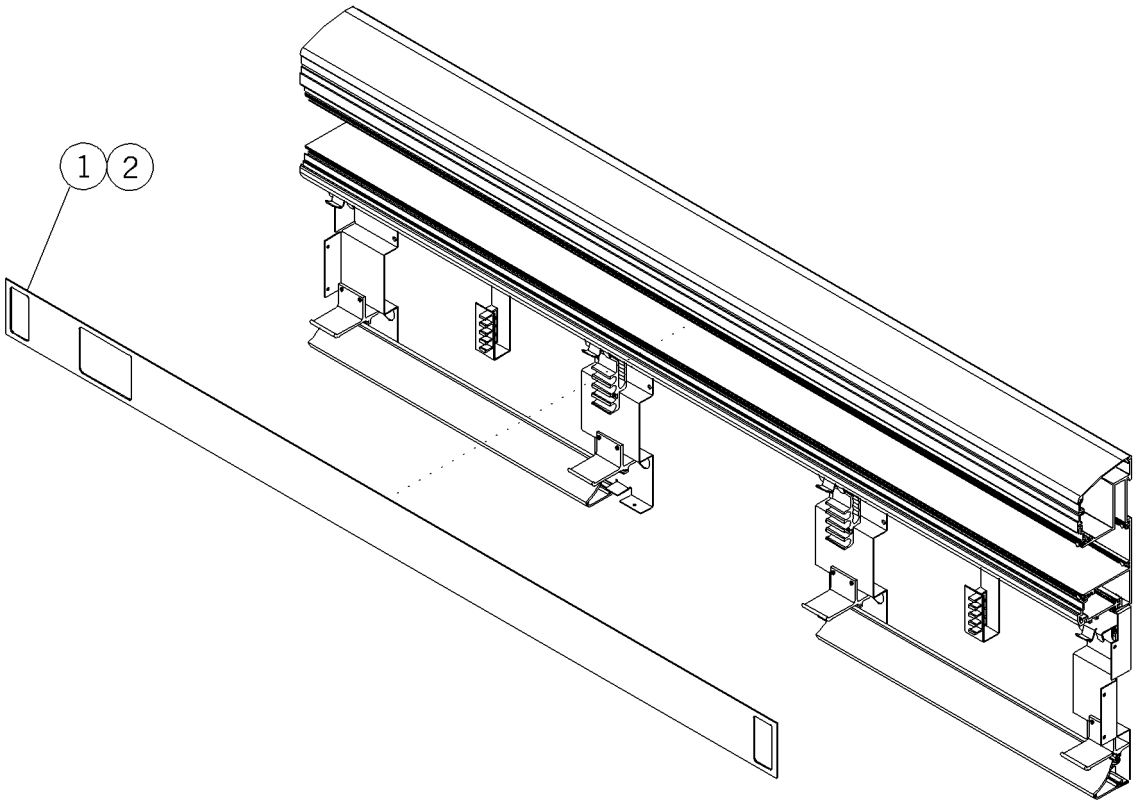

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Table 5-3. Raceway Fascia Option (P/N M204126) P2002B

Item Number	Part Number	Quantity	Description
1	SP56530 (2002)*	1	Raceway fascia punched, 30" long
2	SP56501 (2002)*	1	Raceway fascia punched, 114" long

* Specify high pressure laminate color.

End Cap Options—P2002

Figure 5-5. End Cap Options—P2002

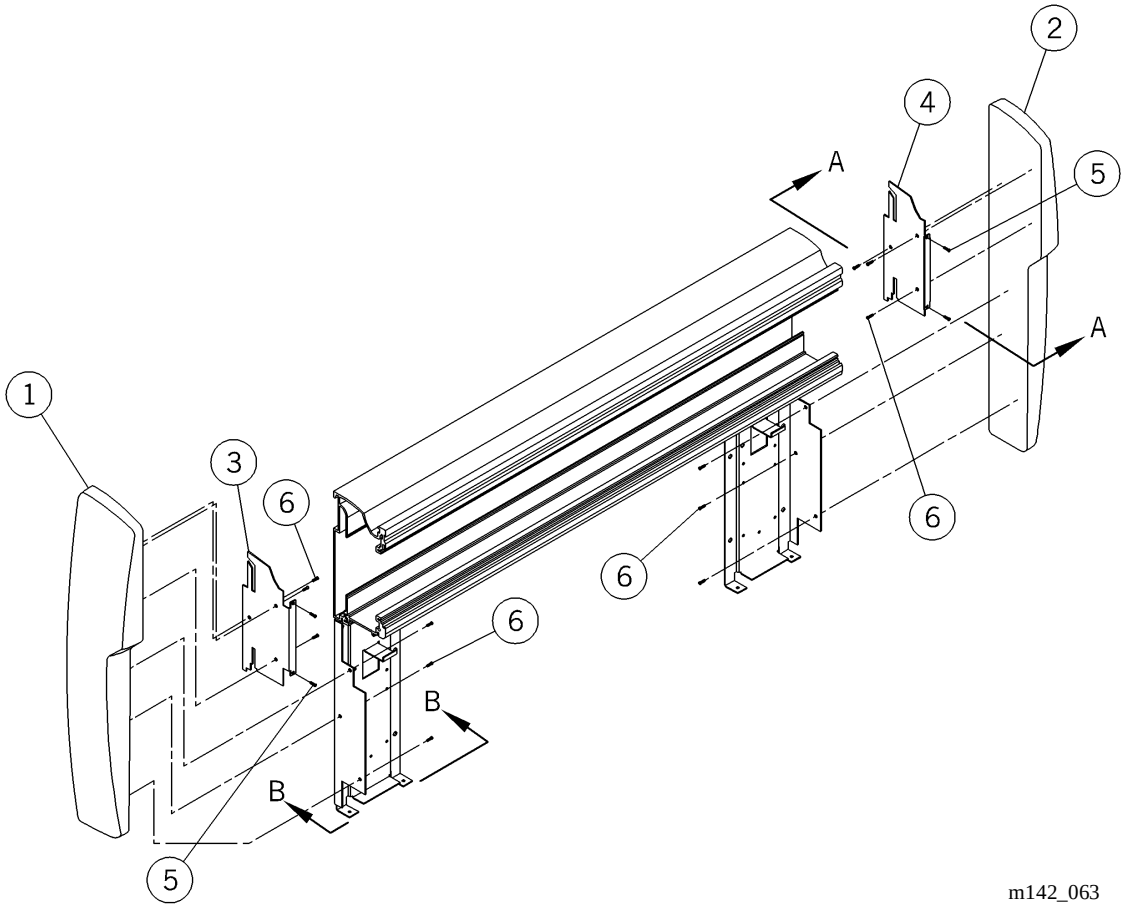

Table 5-4. End Cap Options—P2002

Item Number	Part Number	Quantity	Description
1	5873001 (2002)§§§	1	Headwall end cap, lh
2	5873002 (2002)§§§	1	Headwall end cap, rh
3	5877001 (2002)	1	End plate lh
4	5877002 (2002)	1	End plate rh
5	52945-03 (2002)	2	Screw, truss
6	29591 (2002)	6	Screw

§§§ Specify paint color.

End Cap Options—P2002A

Figure 5-6. End Cap Options—P2002A

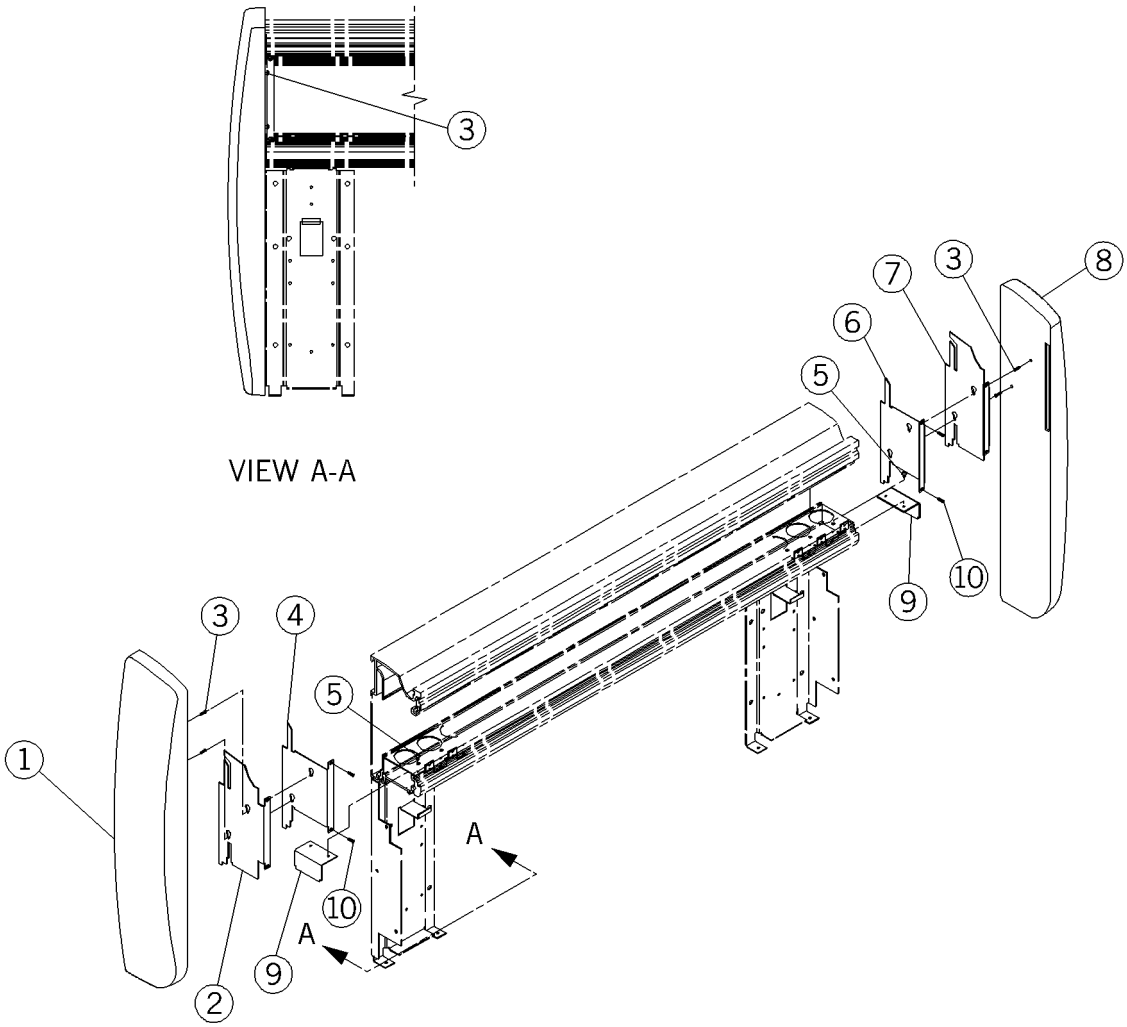

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Table 5-5. End Cap Options—P2002A

Item Number	Part Number	Quantity	Description
1	20335001 (2002)§§§	1	End cap, lh
2	20342901 (2002)	1	Chaseless end plate, lh
3	52555-04 (2002)	2	Screw
4	20347701 (2002)	1	End plate, lh
5	52945-03 (2002)	1	Truss head screw
6	20347702 (2002)	1	End plate, rh
7	20342902 (2002)	1	Chaseless end plate, rh
8	20335002 (2002)§§§	1	End cap, rh
9	59179 (2002)	1	Emergency power barrier
10	16115 (2002)	2	Screw

§§§ Specify paint color.

End Cap Options—P2002B

Figure 5-7. End Cap Options—P2002B

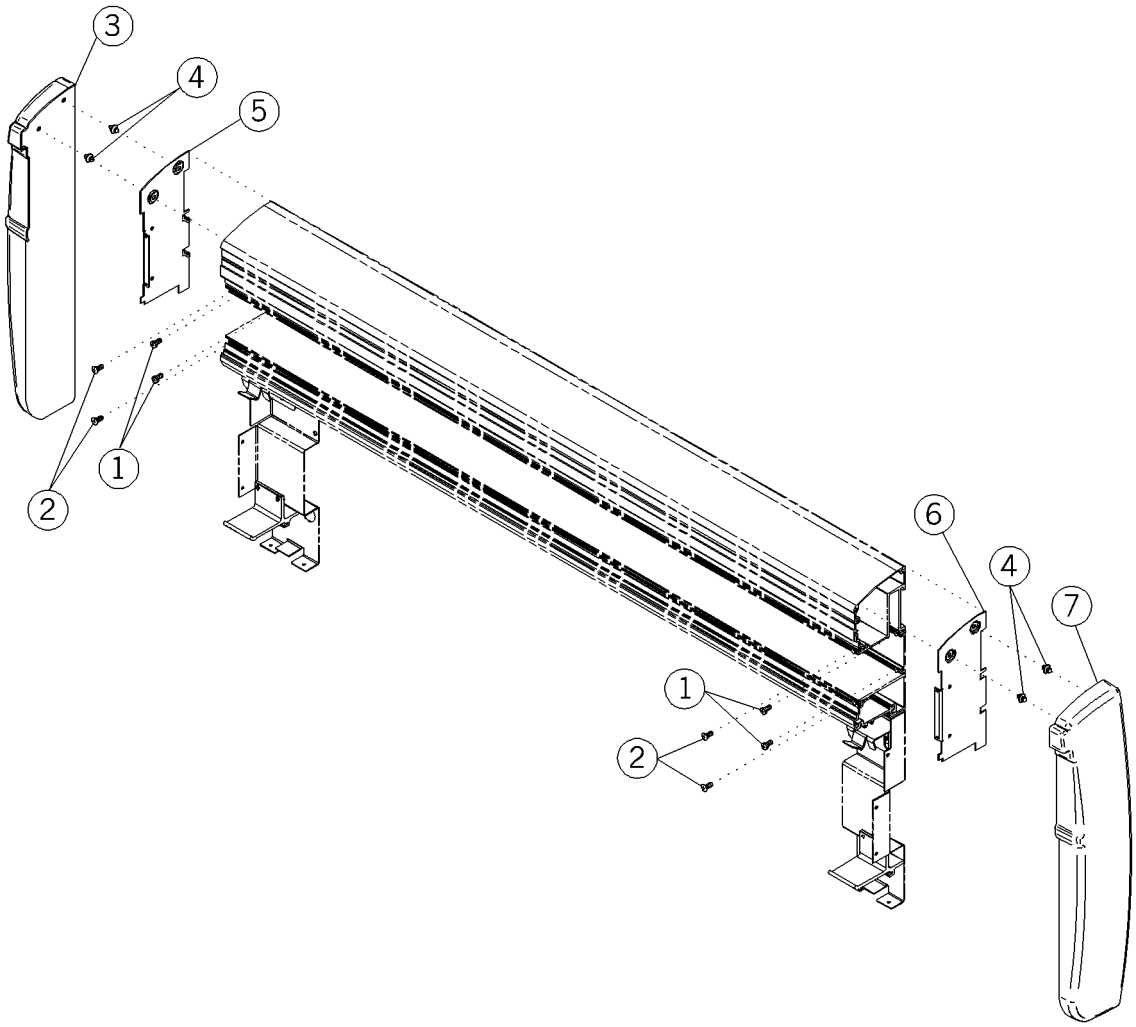

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Table 5-6. End Cap Options—P2002B

Item Number	Part Number	Quantity	Description
1	52945-03 (2002)	4	Screw, truss
2	16115 (2002)	2	Screw
3	20397402 (2002)‡ or 20397402 (2002)§§§‡‡	1	End cap, rh
4	204117 (2002)	2	Ratchet fastener
5	20396902 (2002)◆	1	End plate, rh
6	20396901 (2002)◆◆	1	End plate, lh
7	20397401 (2002)‡‡‡ or 20397401 (2002)§§§‡‡‡‡	1	End cap, lh

§§§ Specify paint color.

◆ Used on assemblies -02 and -04 only.
◆◆ Used on assemblies -01 and -03 only.

‡ Used on assembly -02.
‡‡ Used on assembly -04.
‡‡‡ Used on assembly -01.
‡‡‡‡ Used on assembly -03.

5

Chaseless J-Box in Raceway (P2002A)

Figure 5-8. Chaseless J-Box in Raceway (P2002A)

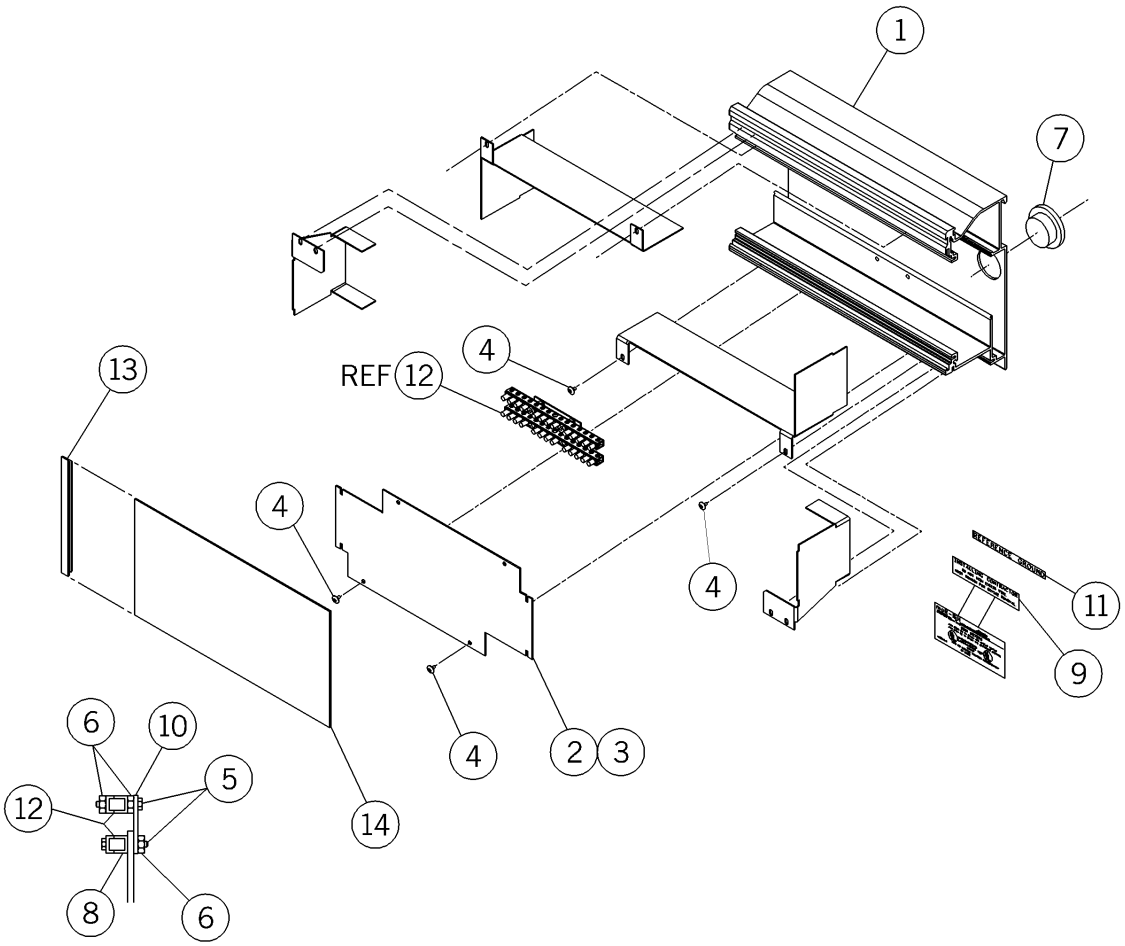

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Table 5-7. Chaseless J-Box in Raceway (P2002A)

Item Number	Part Number	Quantity	Description
1	SP489 (2002)	1	Modified raceway
2	58845 (2002)	1	Chaseless cover (M200101-01 only)
3	58847 (2002)	1	Chaseless cover (M200101-02 only)
4	52945-03 (2002)	12	Screw, truss
5	5224308 (2002)	4	Screw
6	15250 (2002)	7	Locknut, washer base
7	21352 (2002)	3	Snap bushing
8	18933 (2002)	2	Washer
9	55795 (2002)	1	Label
10	57444 (2002)	1	Ground bar support
11	32112 (2002)	1	Reference ground label
12	29858 (2002)‡	2	Ground reference bar
13	58922 (2002)*	1	Cover trim
14	58846 (2002)	1	Chaseless fascia cover

* Specify high pressure laminate color.
‡ Use a quantity of 1 on assembly -01, and use a quantity of 2 on assembly -02.

Chaseless J-Box in Raceway—P2002B

Figure 5-9. Chaseless J-Box in Raceway—P2002B

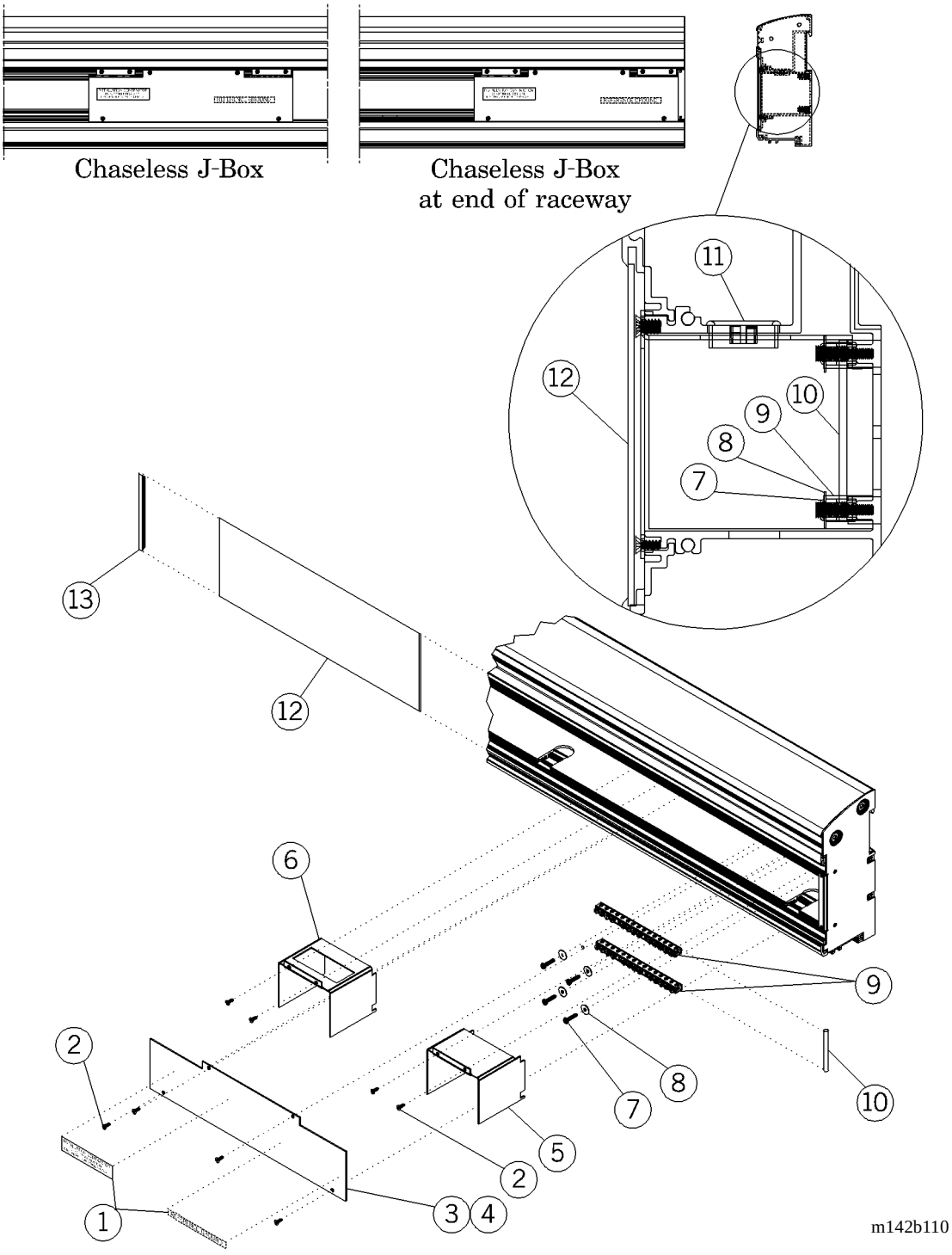

Table 5-8. Chaseless J-Box in Raceway—P2002B

Item Number	Part Number	Quantity	Description
1	203551 (2002)	1	Label set
2	16115 (2002)	8	Screw
3	204011 (2002)	1	J-box cover, end (M204128-01 only)
4	204005 (2002)	1	J-box cover (M204128-02 only)
5	204006 (2002)	1	J-box barrier, boxed power
6	204007 (2002)	1	J-box barrier, low voltage
7	5294508 (2002)	4	Screw, #6-20 x ¾" truss head
8	18933 (2002)	4	Lockwasher
9	29858 (2002)	2	Ground reference bar
10	204009 (2002)	2	Wire lead, ground
11	204091 (2002)	3	Snap bushing
12	204008 (2002)*	1	Chaseless fascia cover
13	58922 (2002)*‡	1	Cover trim
14	204010 (2002)‡‡	1	Bag assembly (not shown)

* Specify high pressure laminate color.
‡ Use a quantity of 1 on assembly -01, and use a quantity of 2 on assembly -02.

Chase Assembly with Breaker Panel—P2002/P2002A

Figure 5-10. Chase Assembly with Breaker Panel—P2002/P2002A

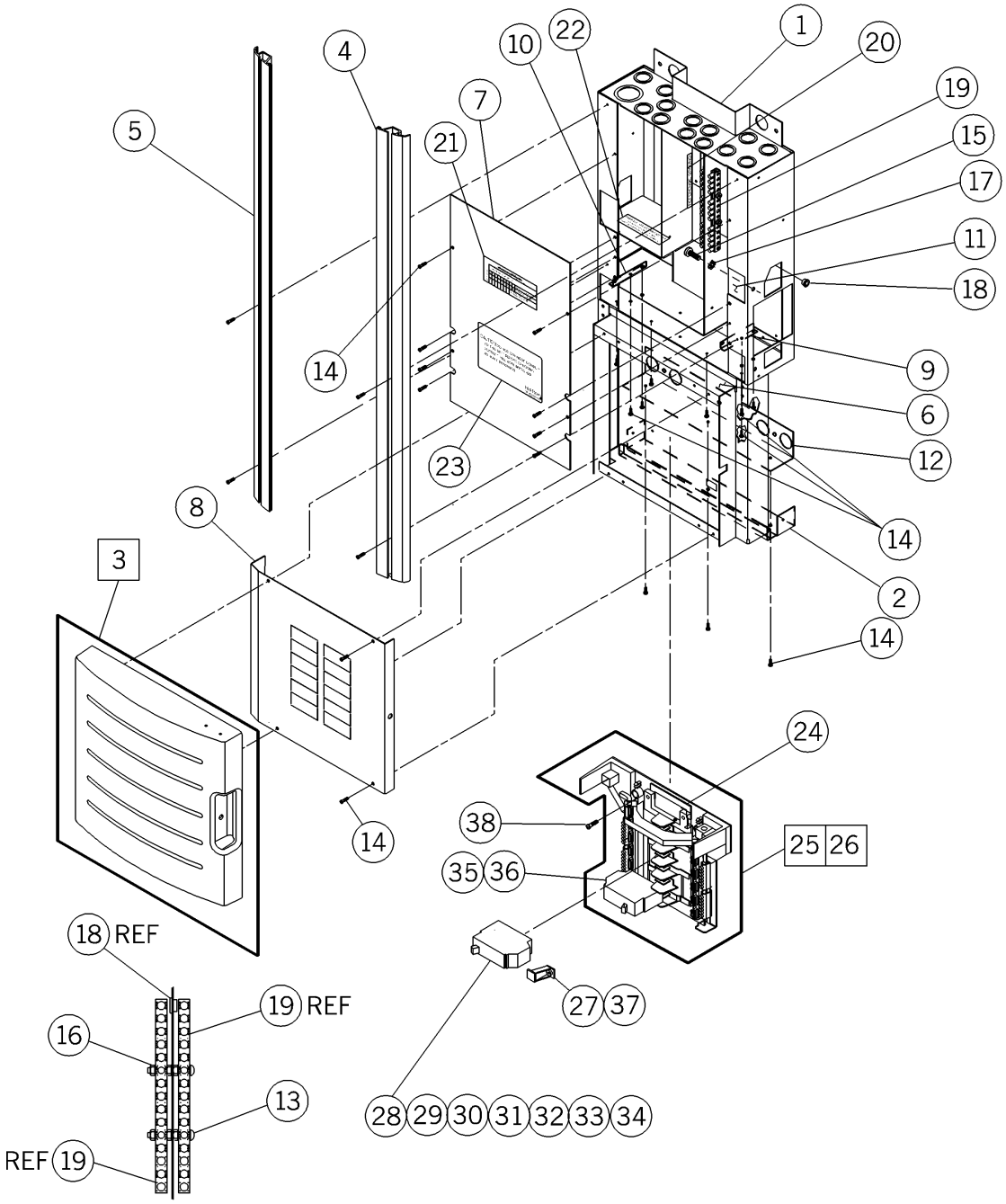

Table 5-9. Chase Assembly with Breaker Panel—P2002/P2002A

Item Number	Part Number	Quantity	Description
1	58849 (2002)§§§	1	Chase weldment
2	58910 (2002)§§§	1	Breaker tub weldment
3	59124 (2002)	1	Cover assembly, circuit breaker panel
4	SP4731 (2002)§§§	1	Double track shroud with breaker (rh)
5	SP4732 (2002)§§§	1	Double track shroud with breaker (lh)
6	58858 (2002)§§§	1	Mounting bracket, breaker panel
7	58860 (2002)	1	Chase cover
8	58862 (2002)	1	Dead front for breaker
9	5897901 (2002)	1	Chase support divide (rh)
10	5897902 (2002)	1	Chase support divide (lh)
11	59150 (2002)	2	Sub-plate
12	59159 (2002)	1	Lower chase support
13	52243-10 (2002)	2	Screw
14	393 (2002)‡	23	Screw
15	59157 (2002)‡‡	2	Screw, hex head
16	15250 (2002)	7	Locknut, washer base
17	57554 (2002)‡‡	2	Lockwasher, dish type
18	18148 (2002)	1	Snap bushing
19	29858 (2002)	2	Ground reference bar
20	32112 (2002)	1	Reference ground label

§§§ Specify paint color.

‡ Use a quantity of 26 on assembly number -02 and -03.
‡‡ Use a quantity of 4 on assembly number -03.

Item Number	Part Number	Quantity	Description
21	32252 (2002)	1	Label, torque
22	55795 (2002)	1	Label
23	55633 (2002)	1	Label, caution
24	58575 (2002)	1	Tie bar, single pole main
25	5855612 (2002)	1	Interior circuit breaker, 12 pole, 1 phase
26	52712-12 (2002)	1	Interior load center
27	52706 (2002)	1	Retainer kit
28	50094-30 (2002)‡	1	Circuit breaker—1 pole 30 amp
29	50094-50 (2002)‡	1	Circuit breaker—1 pole amp
30	50096-30 (2002)‡	1	Circuit breaker—2 pole 30 amp
31	50096-50 (2002)‡	1	Circuit breaker—2 pole 50 amp
32	5009670 (2002)‡	1	Circuit breaker—70 amp
33	50120-50 (2002)‡	1	Circuit breaker—3 pole
34	5012070 (2002)‡	1	Circuit breaker—70 amp
35	50111-15 (2002)	1	Circuit breaker—15 amp 1 pole
36	50111-20 (2002)	1	Circuit breaker—1 pole, 20 amp
37	58574 (2002)	1	Retainer, back-fed main
38	50891-04 (2002)	4	Screw

‡ Main breaker items (number 28 through 34) must be tied down with kit (number 8).

NOTES:

Chase Assembly—P2002/P2002A

Figure 5-11. Chase Assembly—P2002/P2002A

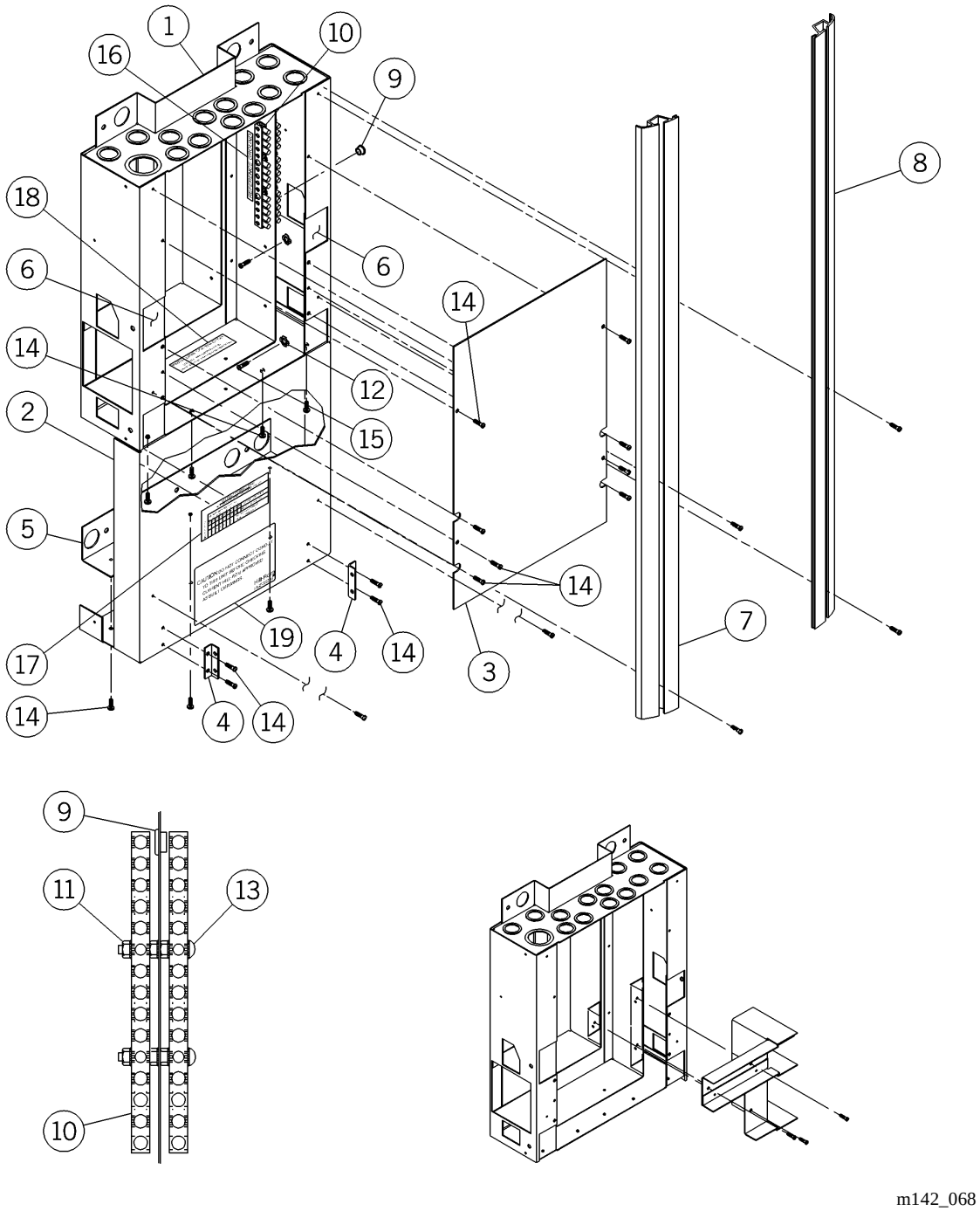

Table 5-10. Chase Assembly—P2002/P2002A

Item Number	Part Number	Quantity	Description
1	58849 (2002)§§§	1	Chase weldment
2	58861 (2002)§§§	1	Lower chase cover
3	58860 (2002)	1	Chase cover
4	58949 (2002)	2	Support divider
5	59159 (2002)	1	Lower chase support
6	59150 (2002)	2	Sub-plate
7	SP4741 (2002)§§§	1	Track shroud without breaker (lh)
8	SP4742 (2002)§§§	1	Track shroud without breaker (rh)
9	18148 (2002)	1	Snap bushing
10	29858 (2002)	2	Ground reference bar
11	15250 (2002)	7	Locknut, washer base
12	57554 (2002)‡‡	2	Lockwasher, dish type
13	52243-10 (2002)	2	Screw
14	393 (2002)‡	19	Screw
15	59157 (2002)‡‡	2	Screw, hex head
16	32112 (2002)	1	Reference ground label
17	32252 (2002)	1	Label, torque
18	55795 (2002)	1	Label
19	55633 (2002)	1	Label, caution

§§§ Specify paint color.

‡ Use a quantity of 22 on assembly number -02 and -03.
‡‡ Use a quantity of 4 on assembly number -03.

Shroud Assembly—P2002/P2002A

Figure 5-12. Shroud Assembly—P2002/P2002A

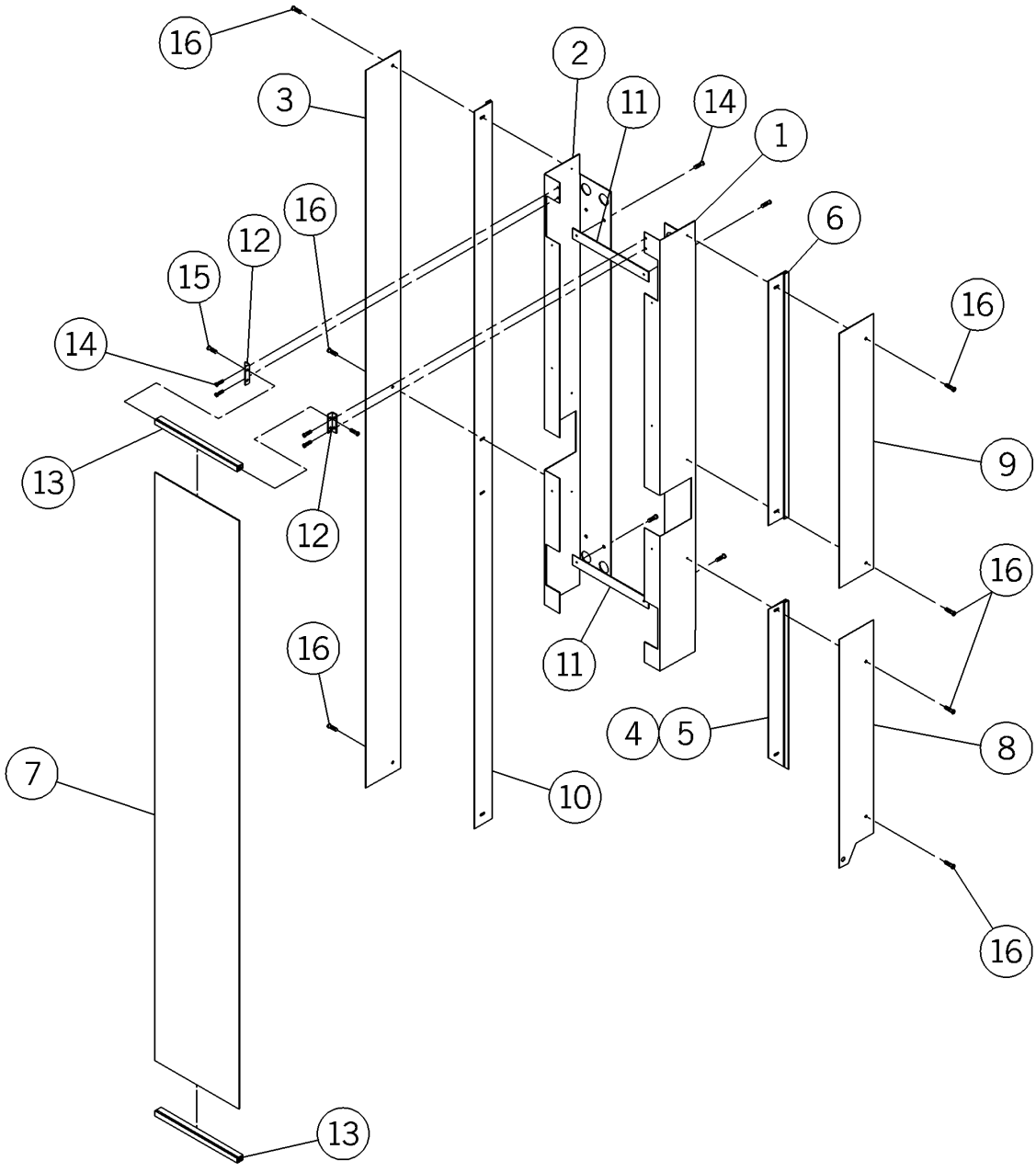

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Table 5-11. Shroud Assembly—P2002/P2002A

Item Number	Part Number	Quantity	Description
1	SP47201 (2002)	1	Side, shroud (rh)
2	SP47202 (2002)	1	Side, shroud (lh)
3	SP475 (2002)§§§	1	Shroud side opposite raceway
4	SP47601 (2002)§§§‡	1	Shroud trim, above raceway
5	SP47602 (2002)§§§‡‡	1	Shroud trim, above raceway, opposite
6	SP477 (2002)§§§‡‡‡	1	Shroud trim, above light
7	SP478 (2002)	1	Shroud, front panel
8	SP479 (2002)§§§‡‡‡	1	Shroud side, above raceway
9	SP480 (2002)§§§‡‡‡	1	Shroud side, above light
10	SP498 (2002)§§§‡‡‡‡	1	Shroud trim, opposite raceway
11	58865 (2002)	2	Shroud spreader
12	58949 (2002)	2	Support, divider
13	59158 (2002)	2	Divider
14	393 (2002)	8	Screw
15	52555-04 (2002)	4	Screw
16	53125-02 (2002)	7	Screw

§§§ Specify paint color.

‡ Used on assemblies -01 and -03 only.
‡‡ Used on assemblies -02 and -03 only.
‡‡‡ A quantity of 2 used on assembly -03 only.
‡‡‡‡ Used on assemblies -01 and -02 only.

Chase Assembly and Shroud with Breaker Panel—P2002B

Figure 5-13. Chase Assembly and Shroud with Breaker Panel—P2002B

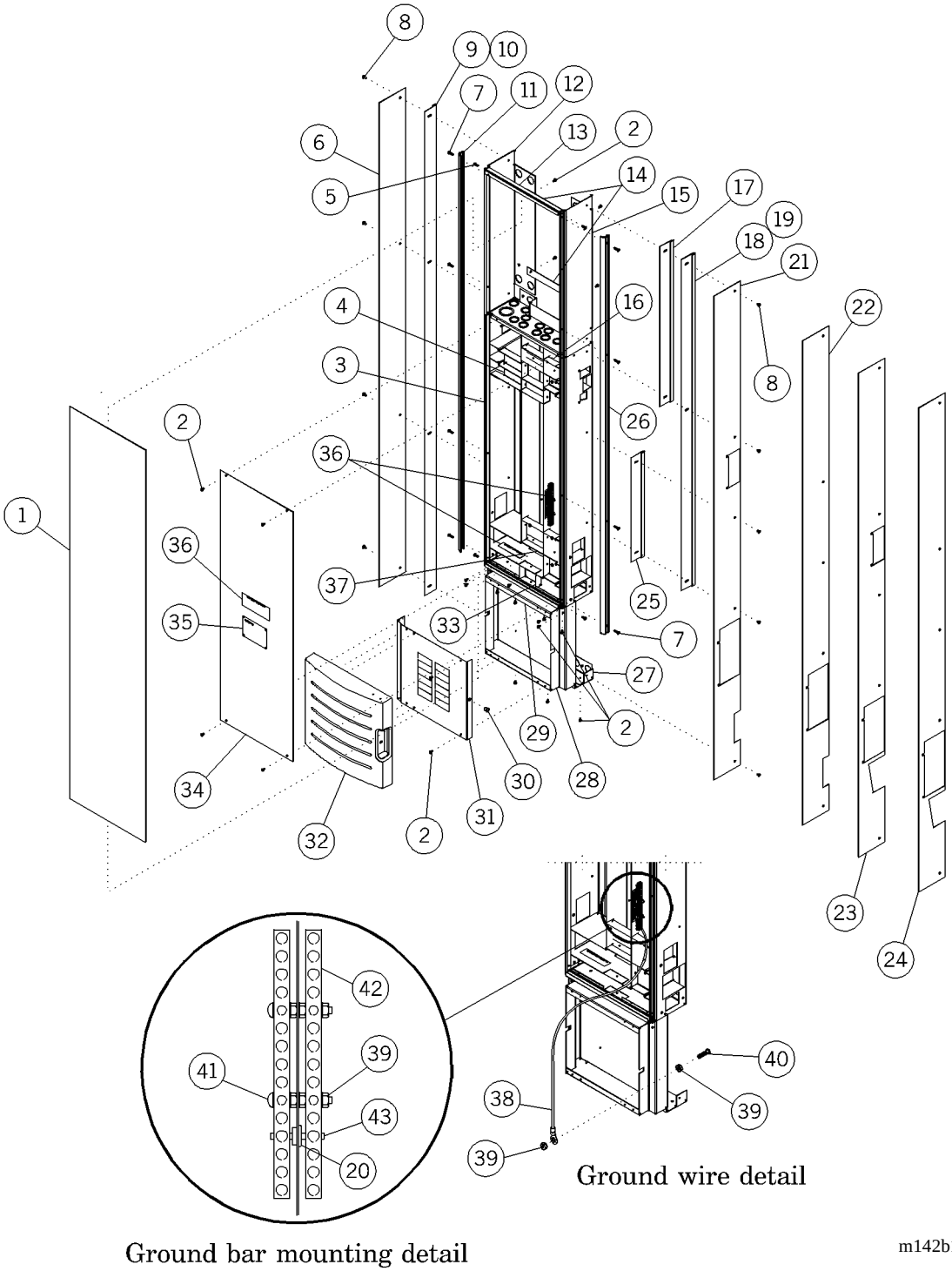

Table 5-12. Chase Assembly and Shroud with Breaker Panel—P2002B

Item Number	Part Number	Quantity	Description
1	SP584 (2002)*	1	Shroud, front panel
2	393 (2002)	35	Screw
3	204081 (2002)	1	Chase weldment
4	204370 (2002)	1	Chase barrier weldment, lh
5	52555-04 (2002)	4	Screw
6	SP586 (2002)§§§	1	Shroud side, opposite of raceway with breaker
7	52555-05 (2002)	8	Screw
8	53125-02 (2002)	8	Screw
9	SP58901 (2002)§§§	1	Shroud trim, opposite of raceway with breaker, lh
10	SP58902 (2002)§§§	1	Shroud trim, opposite of raceway with breaker, rh
11	SP58502 (2002)§§§	1	Corner trim with breaker panel, rh
12	SP57402 (2002)	1	Side shroud, rh
13	204350 (2002)	2	Divider
14	58865 (2002)	2	Shroud spreader
15	SP57401 (2002)	1	Side shroud, lh
16	204371 (2002)	1	Chase barrier weldment, rh
17	SP576 (2002)§§§	2	Shroud trim, above light
18	SP57801 (2002)§§§	1	Shroud trim, above the raceway, lh
19	SP57802 (2002)§§§	1	Shroud trim, above the raceway, rh
20	18148 (2002)	1	Snap bushing
21	SP587 (2002)§§§	2	Shroud side, raceway breaker with light

* Specify high pressure laminate color.

§§§ Specify paint color.

Item Number	Part Number	Quantity	Description
22	SP588 (2002)§§§	2	Shroud side, raceway without light with breaker
23	SP590 (2002)§§§	2	Shroud side, raceway side with light with breaker
24	SP591 (2002)§§§	2	Shroud side, raceway side without light without breaker
25	SP577 (2002)§§§	2	Shroud trim, raceway to light.
26	SP58501 (2002)§§§	1	Trim corner, with breaker, panel lh
27	59159 (2002)	1	Lower chase support
28	204398 (2002)§§§	1	Breaker tube weldment
29	58858 (2002)	1	Mounting bracket breaker panel
30	53985 (2002)	1	Bullet catch
31	58862 (2002)	1	Dead front for breaker
32	59124 (2002)	1	Cover assembly, circuit breaker panel
33	59153 (2002)	1	Line voltage crossover
34	204396 (2002)	1	J-box cover
35	55633 (2002)	1	Label, caution
36	203551 (2002)	1	Label set, Integris® System subing area
37	204066 (2002)	1	Chase barrier, weldment
38	5125936 (2002)	1	Wire lead, green 36" (91 cm)
39	15250 (2002)	8	Locknut, washer base
40	52243-03 (2002)	1	Screw
41	5224301 (2002)	2	Screw
42	29858 (2002)	2	Ground reference bar
43	57549 (2002)	1	Wire lead, green 1-½"

§§§ Specify paint color.

NOTES:

Chase Assembly and Shroud—P2002B

Figure 5-14. Chase Assembly and Shroud—P2002B

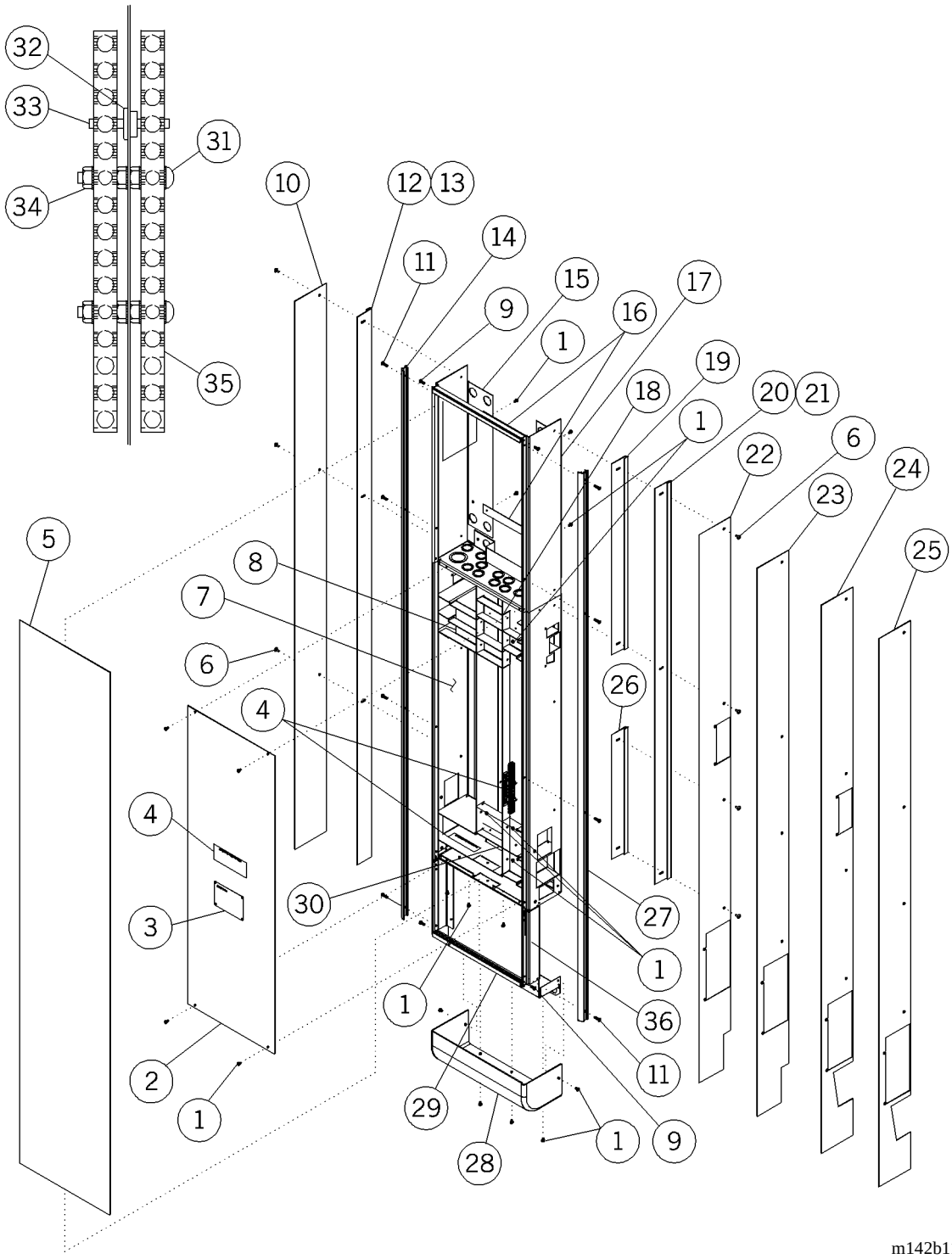

Table 5-13. Chase Assembly and Shroud—P2002B

Item Number	Part Number	Quantity	Description
1	393 (2002)	26	Screw
2	204396 (2002)	1	J-box cover
3	55633 (2002)	1	Label, caution
4	203551 (2002)	1	Label set, Integris® subing area
5	SP584 (2002)	1	Shroud, front panel
6	53125-02 (2002)	8	Screw
7	204081 (2002)	1	Chase weldment
8	204370 (2002)	1	Chase barrier weldment, lh
9	52555-04 (2002)	4	Screw
10	SP579 (2002)§§§	1	Shroud side, opposite of raceway
11	52555-05 (2002)	8	Pan head screw
12	SP57501 (2002)§§§	1	Shroud trim, opposite of raceway, lh
13	SP57502 (2002)§§§	1	Shroud trim, opposite of raceway, rh
14	SP57302 (2002)§§§	1	Corner, rh
15	SP57402 (2002)	1	Side shroud, rh
16	58865 (2002)	2	Shroud spreader
17	SP57401 (2002)	1	Side shroud, lh
18	204371 (2002)	1	Chase barrier weldment, rh
19	SP576 (2002)§§§	1	Shroud trim, above the light
20	SP57801 (2002)§§§	1	Shroud trim, above the raceway, lh
21	SP57802 (2002)§§§	1	Shroud trim, above the raceway, rh
22	SP580 (2002)§§§	1	Shroud side, raceway with light

§§§ Specify paint color.

Item Number	Part Number	Quantity	Description
23	SP581 (2002)§§§	1	Shroud side, raceway without light
24	SP582 (2002)§§§	1	Shroud side, raceway with light
25	SP582 (2002)§§§	1	Shroud side, raceway without light
26	SP577 (2002)§§§	1	Shroud trim, raceway to light
27	SP57301 (2002)§§§	1	Corner, lh
28	204378 (2002)	1	Chase bottom cover
29	204350 (2002)§§§	2	Divider
30	204066 (2002)	1	Chase barrier weldment
31	52243-10 (2002)	2	Screw
32	18148 (2002)	1	Snap bushing
33	57549 (2002)	1	Wire lead, green 1½"
34	15250 (2002)	7	Locknut, washer base
35	29858 (2002)	5	Ground reference bar
36	204377 (2002)	1	Lower cover weldment

§§§ Specify paint color.

NOTES:

Bed Locator Assembly—P2002/P2002B

Figure 5-15. Bed Locator Assembly—P2002/P2002B

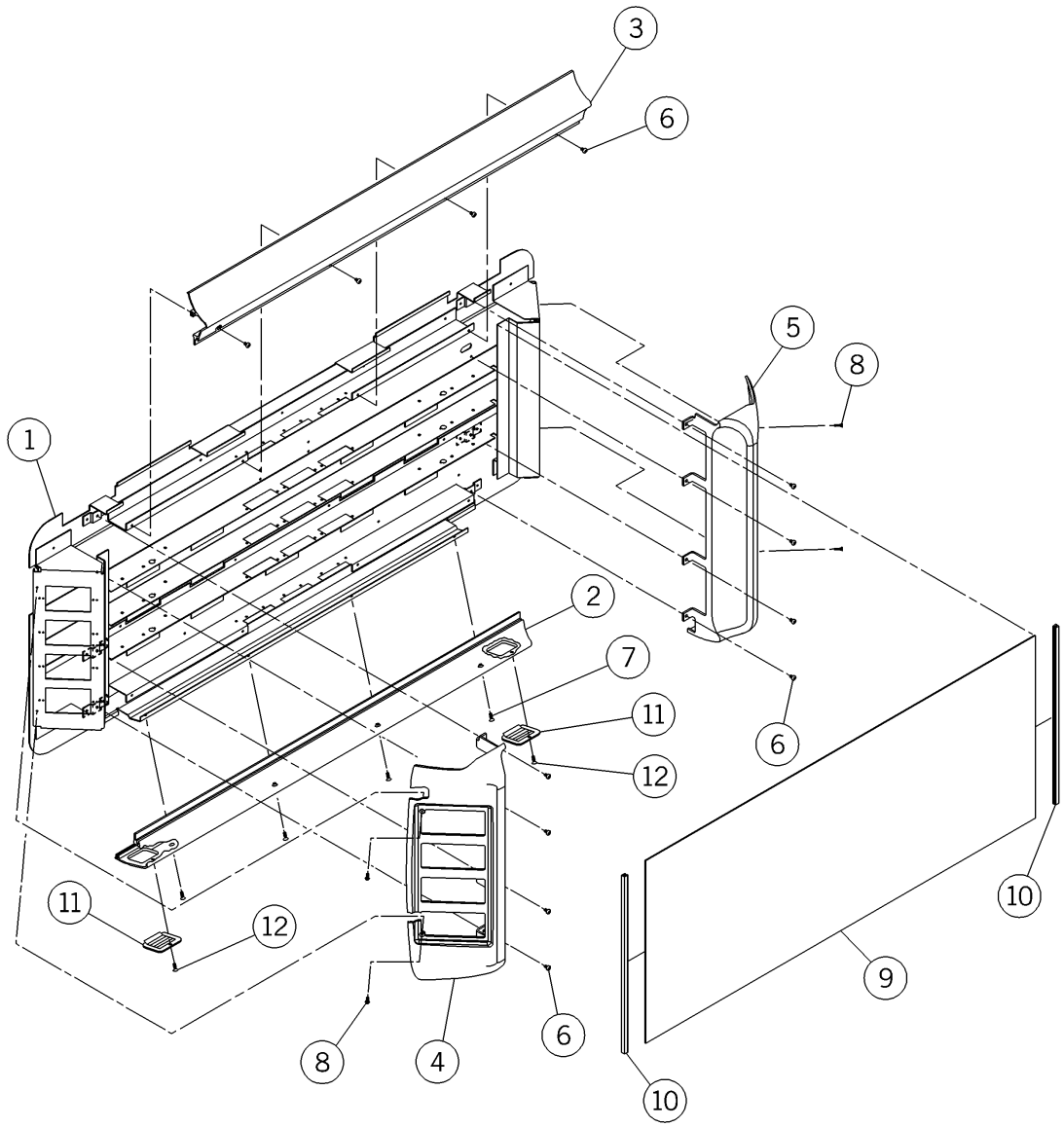

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Table 5-14. Bed Locator Assembly—P2002/P2002B

Item Number	Part Number	Quantity	Description
1	203870 (2002)	1	Backplate divider, bed locator
2	5899102 (2002)§§§	1	Lower rail, bed locator
3	58992 (2002)§§§	1	Upper rail, bed locator
4	5842702 (2002)§	1	End cap, lh
5	5842703 (2002)§§§	1	End cap, rh
6	52555-03 (2002)	12	Screw
7	55315 (2002)	4	Screw, flat head
8	50590 (2002)	4	Screw
9	58973(2002)*	1	Access panel, bed locator
10	59108 (2002)	2	Access panel, edging, bed locator
11	59371 (2002)	2	Night light louver
12	52945-01 (2002)	2	Screw

§§§ Specify paint color.

* Specify high pressure laminate color.

Bed Locator Assembly—P2002A

Figure 5-16. Bed Locator Assembly—P2002A

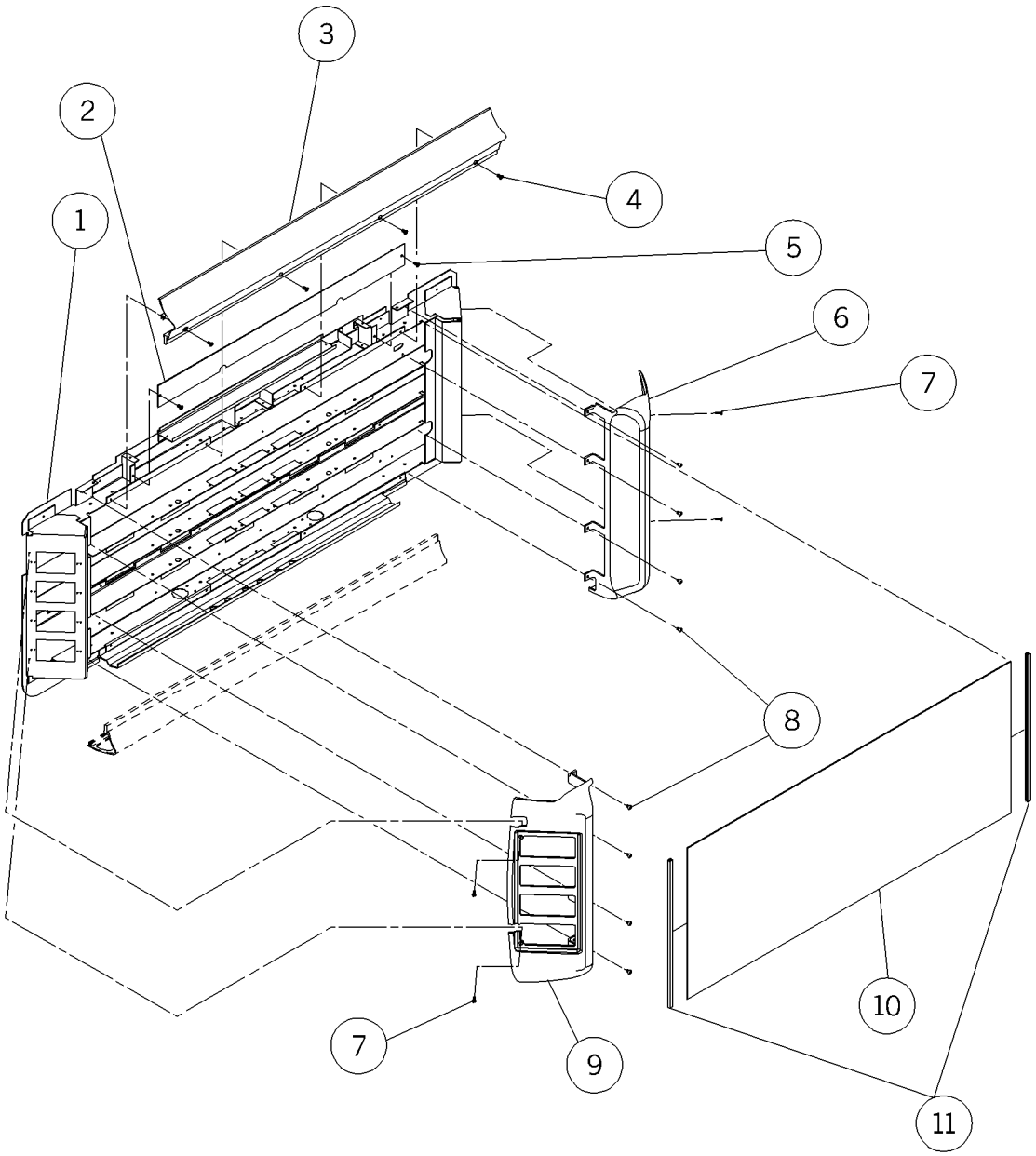

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Table 5-15. Bed Locator Assembly—P2002A

Item Number	Part Number	Quantity	Description
1	203860 (2002)	1	Backplate assembly, bed locator
2	203387 (2002)	1	Cover
3	203568 (2002)§§§	1	Upper rail, bed locator
4	55315 (2002)	4	Screw
5	393 (2002)	2	Screw
6	5842703 (2002)	1	End cap, rh
7	50590 (2002)	4	Screw
8	52555-03 (2002)	8	Screw
9	5842702 (2002)	1	End cap, lh
10	58973 (2002)*	1	Access panel, bed locator
11	59108 (2002)	2	Access panel, edging, bed locator

* Specify high pressure laminate color.

§§§ Specify paint color.

Backbox, 1 Gang through 8 Gang—P2002

Figure 5-17. Backbox, 1 Gang through 8 Gang—P2002

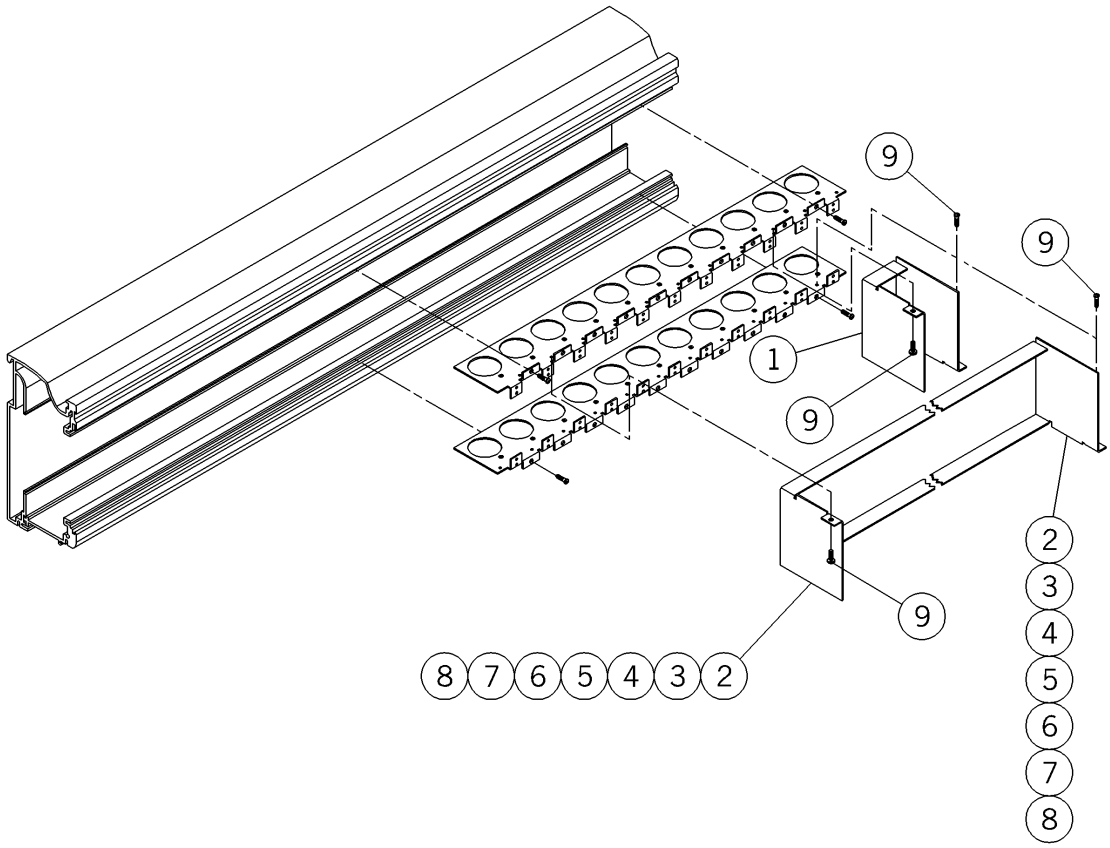

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Table 5-16. Backbox, 1 Gang through 8 Gang—P2002

Item Number	Part Number	Quantity	Description
1	5949801 (2002)	2	Backbox 1 gang
2	5949802 (2002)	2	Backbox 2 gang
3	5949803 (2002)	2	Backbox 3 gang
4	5949804 (2002)	2	Backbox 4 gang
5	5949805 (2002)	2	Backbox 5 gang
6	5949806 (2002)	2	Backbox 6 gang
7	5949807 (2002)	2	Backbox 7 gang
8	5949808 (2002)	2	Backbox 8 gang
9	54800-01 (2002)	2	Screw

Backbox, 1 Gang through 8 Gang—P2002A

Figure 5-18. Backbox, 1 Gang through 8 Gang—P2002A

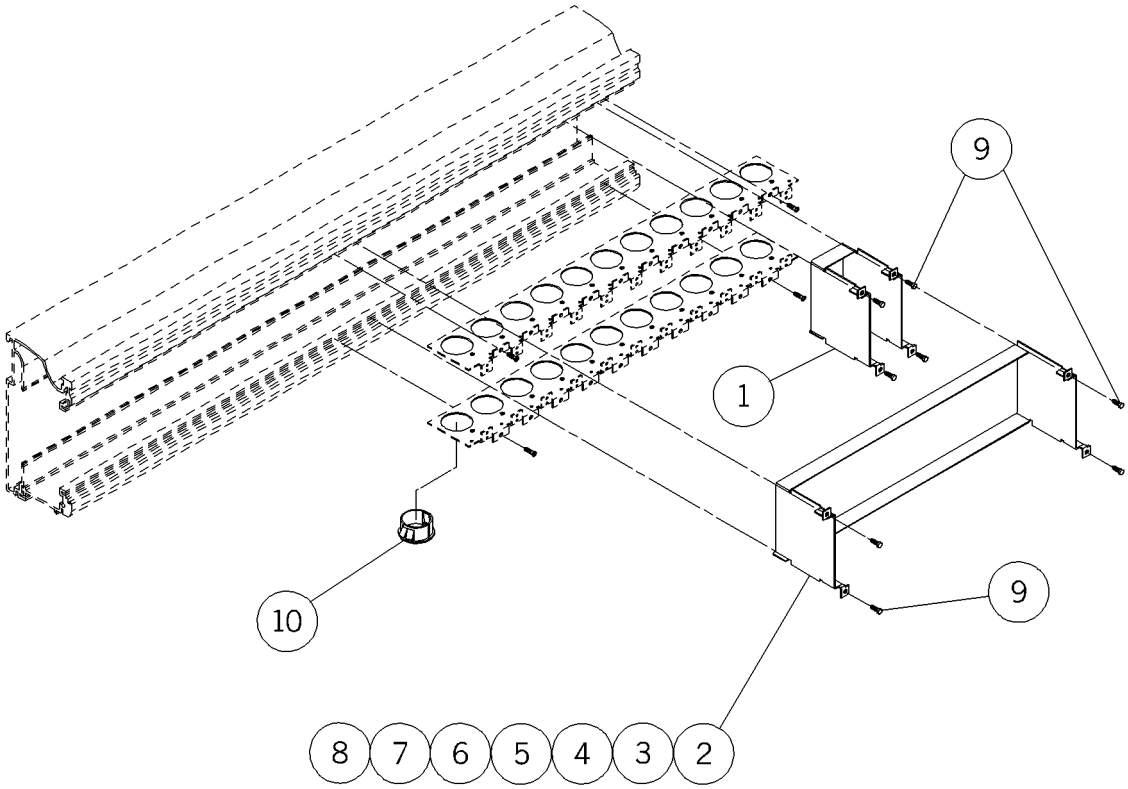

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Table 5-17. Backbox, 1 Gang through 8 Gang—P2002A

Item Number	Part Number	Quantity	Description
1	20327101 (2002)	2	Backbox 1 gang
2	20327102 (2002)	2	Backbox 2 gang
3	20327103 (2002)	2	Backbox 3 gang
4	20327104 (2002)	2	Backbox 4 gang
5	20327105 (2002)	2	Backbox 5 gang
6	20327106 (2002)	2	Backbox 6 gang
7	20327107 (2002)	2	Backbox 7 gang
8	20327108 (2002)	2	Backbox 8 gang
9	16115 (2002)	4	Screw
10	59858 (2002)	1	Split snap bushing

Device Mount, 1 Gang through 5 Gang—P2002B

Figure 5-19. Device Mount, 1 Gang through 5 Gang—P2002B

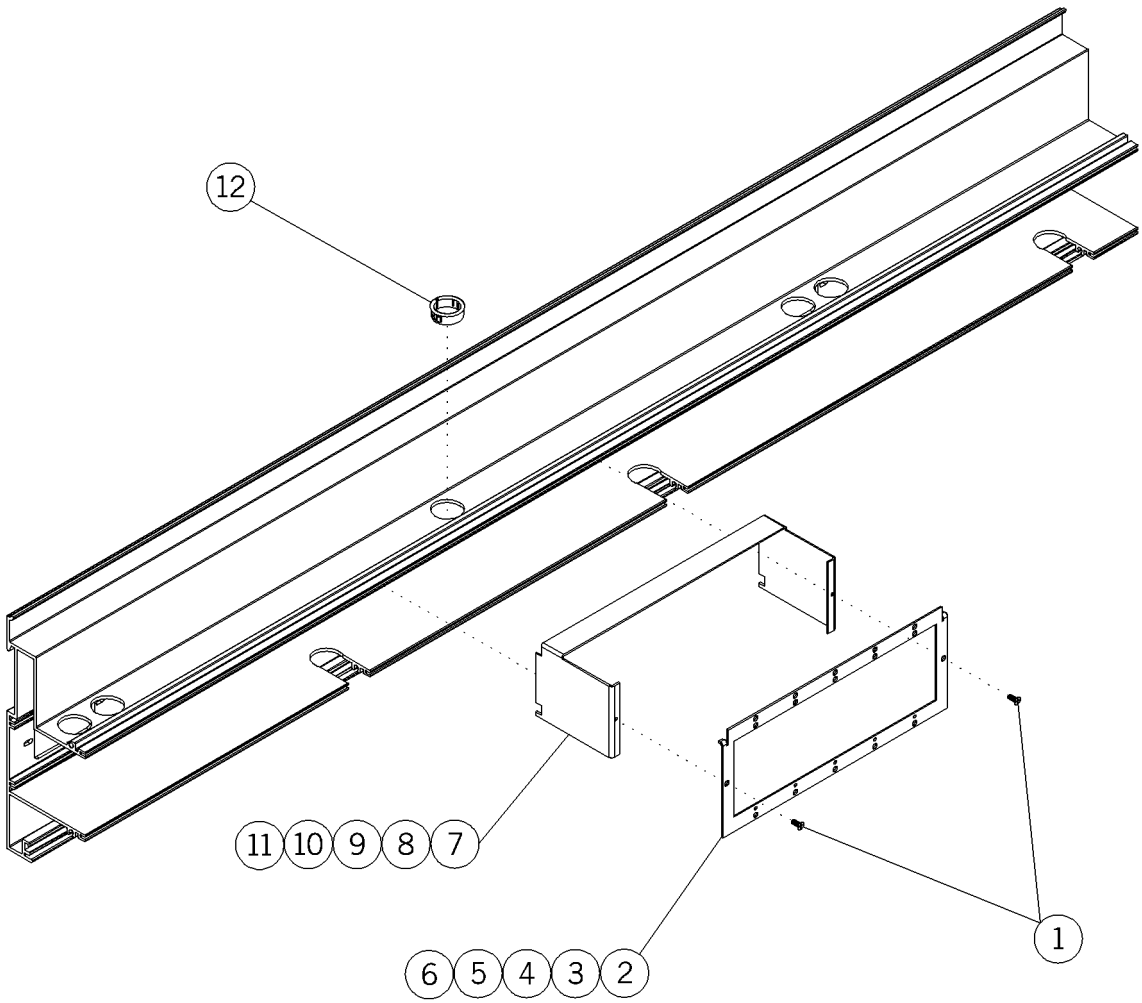

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Table 5-18. Device Mount, 1 Gang through 5 Gang—P2002B

Item Number	Part Number	Quantity	Description
1	16115 (2002)	2	Screw
2	20405601 (2002)	1	Device mount 1 gang
3	20405602 (2002)	1	Device mount 2 gang
4	20405603 (2002)	1	Device mount 3 gang
5	20405604 (2002)	1	Device mount 4 gang
6	20405605 (2002)	1	Device mount 5 gang
7	20409001 (2002)	1	Device mount barrier 1-gang
8	20409002 (2002)	1	Device mount barrier 2-gang
9	20409003 (2002)	1	Device mount barrier 3-gang
10	20409004 (2002)	1	Device mount barrier 4-gang
11	20409005 (2002)	1	Device mount barrier 5-gang
12	204091 (2002)	2	Split snap bushing

Accessory Bar Assembly—P2002

Figure 5-20. Accessory Bar Assembly—P2002

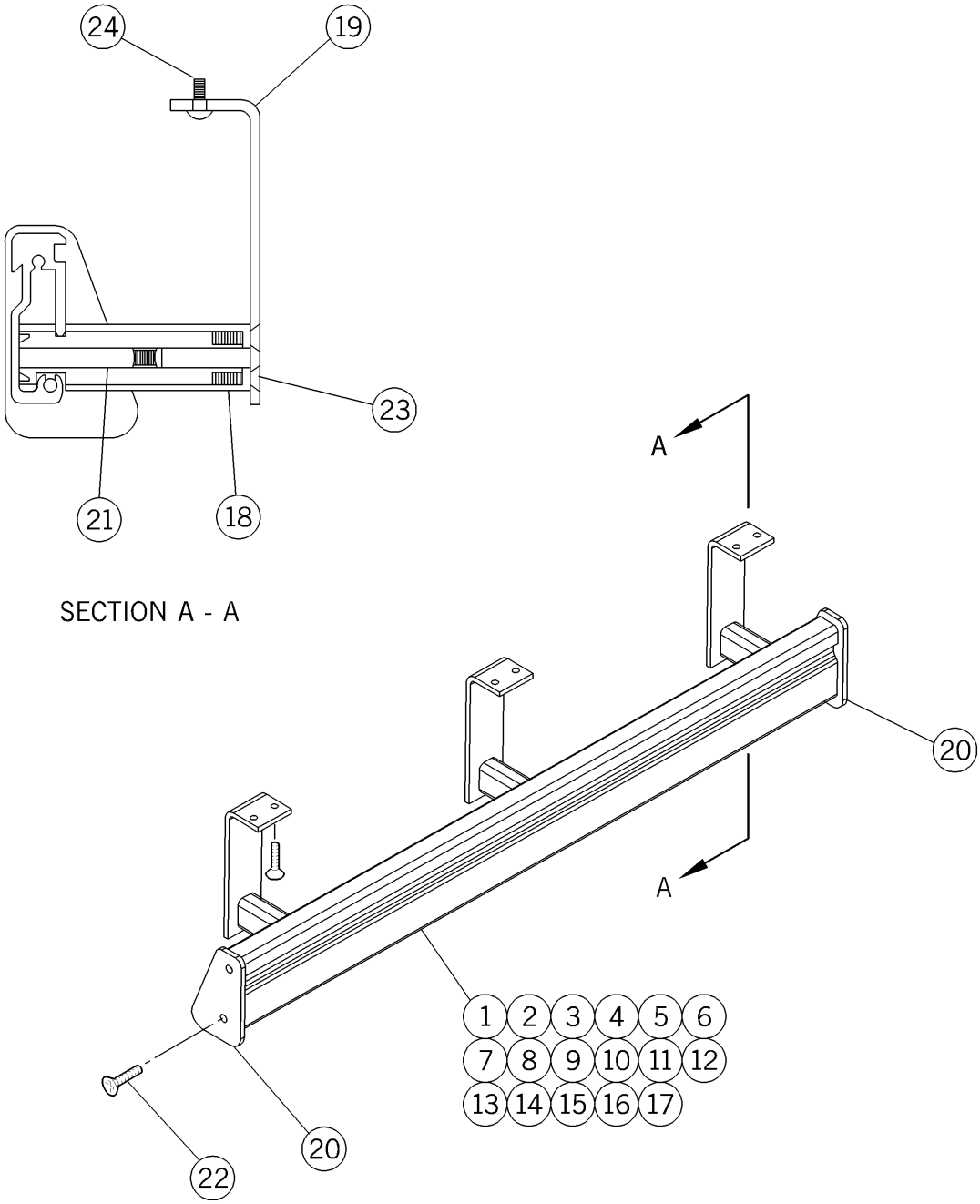

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Table 5-19. Accessory Bar Assembly—P2002

Item Number	Part Number	Quantity	Description
1	5890401 (2002)§§§	1	Accessory rail 9" long
2	5890402 (2002)§§§	1	Accessory rail 12″ long
3	5890403 (2002)§§§	1	Accessory rail 15″ long
4	5890404 (2002)§§§	1	Accessory rail 18″ long
5	5890405 (2002)§§§	1	Accessory rail 21″ long
6	5890406 (2002)§§§	1	Accessory rail 24″ long
7	5890407 (2002)§§§	1	Accessory rail 27″ long
8	5890408 (2002)§§§	1	Accessory rail 30″ long
9	5890409 (2002)§§§	1	Accessory rail 33″ long
10	5890410 (2002)§§§	1	Accessory rail 36″ long
11	5890411 (2002)§§§	1	Accessory rail 39″ long
12	5890412 (2002)§§§	1	Accessory rail 42″ long
13	5890413 (2002)§§§	1	Accessory rail 45″ long
14	5890414 (2002)§§§	1	Accessory rail 48″ long
15	5890415 (2002)§§§	1	Accessory rail 51″ long
16	5890416 (2002)§§§	1	Accessory rail 54″ long

§§§ Specify paint color.

Item Number	Part Number	Quantity	Description
17	5890417 (2002)§§§	1	Accessory rail 57" long
18	51635 (2002)	2	Support
19	58907 (2002)§§§	As required	Bracket, accessory bar
20	58911 (2002)§§§	2	End plate, accessory bar
21	51783 (2002)	2	Screw—anchor nut
22	53125-02 (2002)	4	Screw
23	55315 (2002)	4	Screw—flat head
24	52945-02 (2002)	4	Screw, truss head

§§§ Specify paint color.

NOTES:

Accessory Bar Assembly—P2002A

Figure 5-21. Accessory Bar Assembly—P2002A

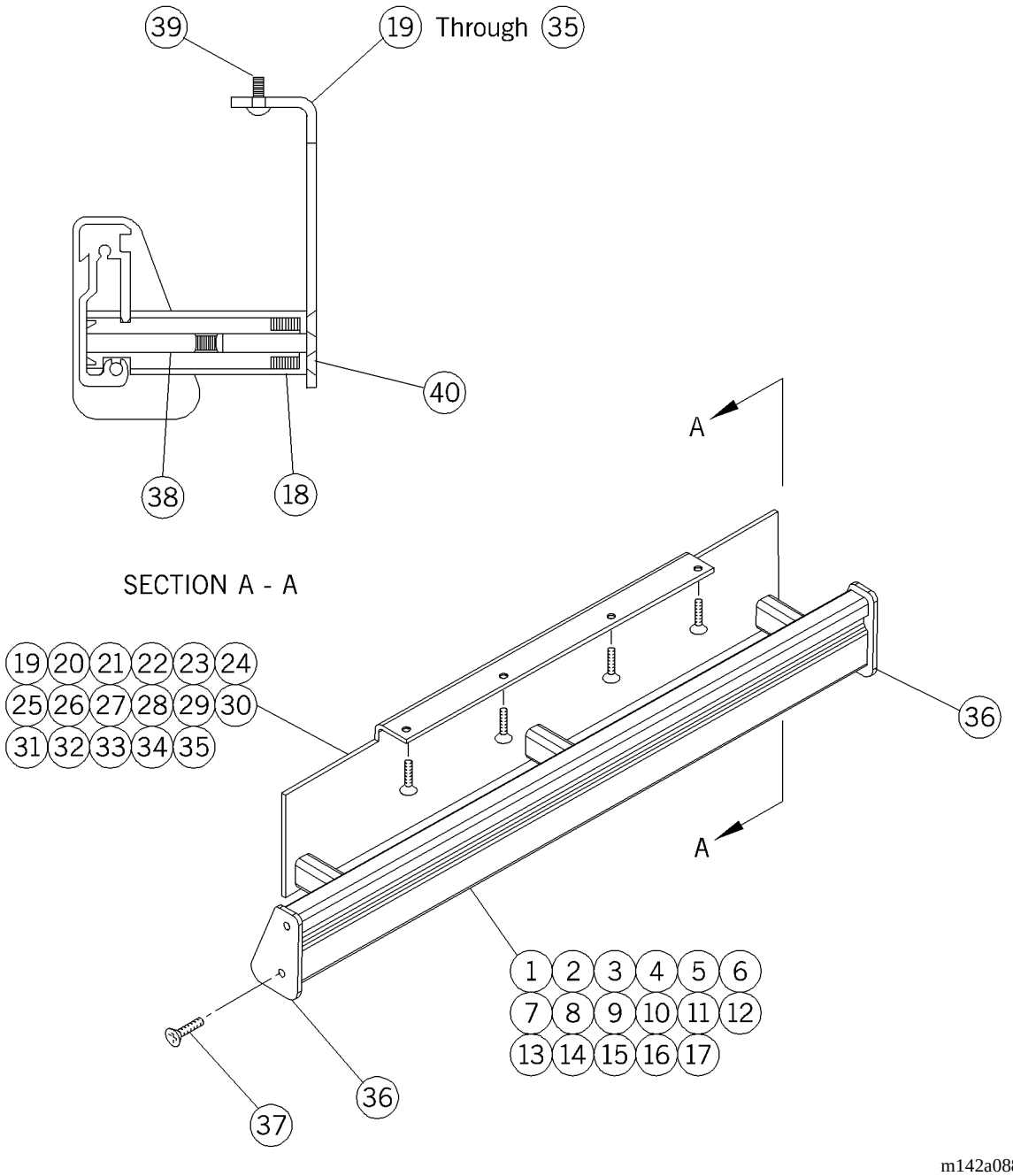

Table 5-20. Accessory Bar Assembly—P2002A

Item Number	Part Number	Quantity	Description
1	5890401 (2002)§§§	1	Accessory rail 9" long
2	5890402 (2002)§§§	1	Accessory rail 12" long
3	5890403 (2002)§§§	1	Accessory rail 15" long
4	5890404 (2002)§§§	1	Accessory rail 18" long
5	5890405 (2002)§§§	1	Accessory rail 21" long
6	5890406 (2002)§§§	1	Accessory rail 24" long
7	5890407 (2002)§§§	1	Accessory rail 27" long
8	5890408 (2002)§§§	1	Accessory rail 30" long
9	5890409 (2002)§§§	1	Accessory rail 33" long
10	5890410 (2002)§§§	1	Accessory rail 36" long
11	5890411 (2002)§§§	1	Accessory rail 39" long
12	5890412 (2002)§§§	1	Accessory rail 42" long
13	5890413 (2002)§§§	1	Accessory rail 45" long
14	5890414 (2002)§§§	1	Accessory rail 48" long
15	5890415 (2002)§§§	1	Accessory rail 51" long
16	5890416 (2002)§§§	1	Accessory rail 54" long
17	5890417 (2002)§§§	1	Accessory rail 57" long

§§§ Specify paint color.

Item Number	Part Number	Quantity	Description
18	51635 (2002)‡	2	Support
19	20343501 (2002)§§§	1	Rail accessory 6.5" long
20	20343502 (2002)§§§	1	Rail accessory 9.5" long
21	20343503 (2002)§§§	1	Rail accessory 12.5" long
22	20343504 (2002)§§§	1	Rail accessory 15.5" long
23	20343505 (2002)§§§	1	Rail accessory 18.5" long
24	20343506 (2002)§§§	1	Rail accessory 21.5" long
25	20343507 (2002)§§§	1	Rail accessory 24.5" long
26	20343508 (2002)§§§	1	Rail accessory 27.5" long
27	20343509 (2002)§§§	1	Rail accessory 30.5" long
28	20343510 (2002)§§§	1	Rail accessory 33.5" long
29	20343511 (2002)§§§	1	Rail accessory 36.5" long
30	20343512 (2002)§§§	1	Rail accessory 39.5" long
31	20343513 (2002)§§§	1	Rail accessory 42.5" long
32	20343514 (2002)§§§	1	Rail accessory 45.5" long

‡ 2 places on assemblies -01, -02, and -03 only.
3 places on assemblies -04 through -09 only.
4 places on assemblies -10 through -15 only.
5 places on assemblies -16 and -17 only.

§§§ Specify paint color.

Item Number	Part Number	Quantity	Description
33	20343515 (2002)§§§	1	Rail accessory 48.5" long
34	20343516 (2002)§§§	1	Rail accessory 51.5" long
35	20343517 (2002)§§§	1	Rail accessory 54.5" long
36	58911 (2002)§§§	2	End plate, accessory bar
37	53125-02 (2002)	4	Screw
38	51783 (2002)	2	Screw—anchor nut
39	52945-02 (2002)	6	Screw
40	55315 (2002)	4	Screw—flat head

§§§ Specify paint color.

Accessory Bar Assembly—P2002B

Figure 5-22. Accessory Bar Assembly—P2002B

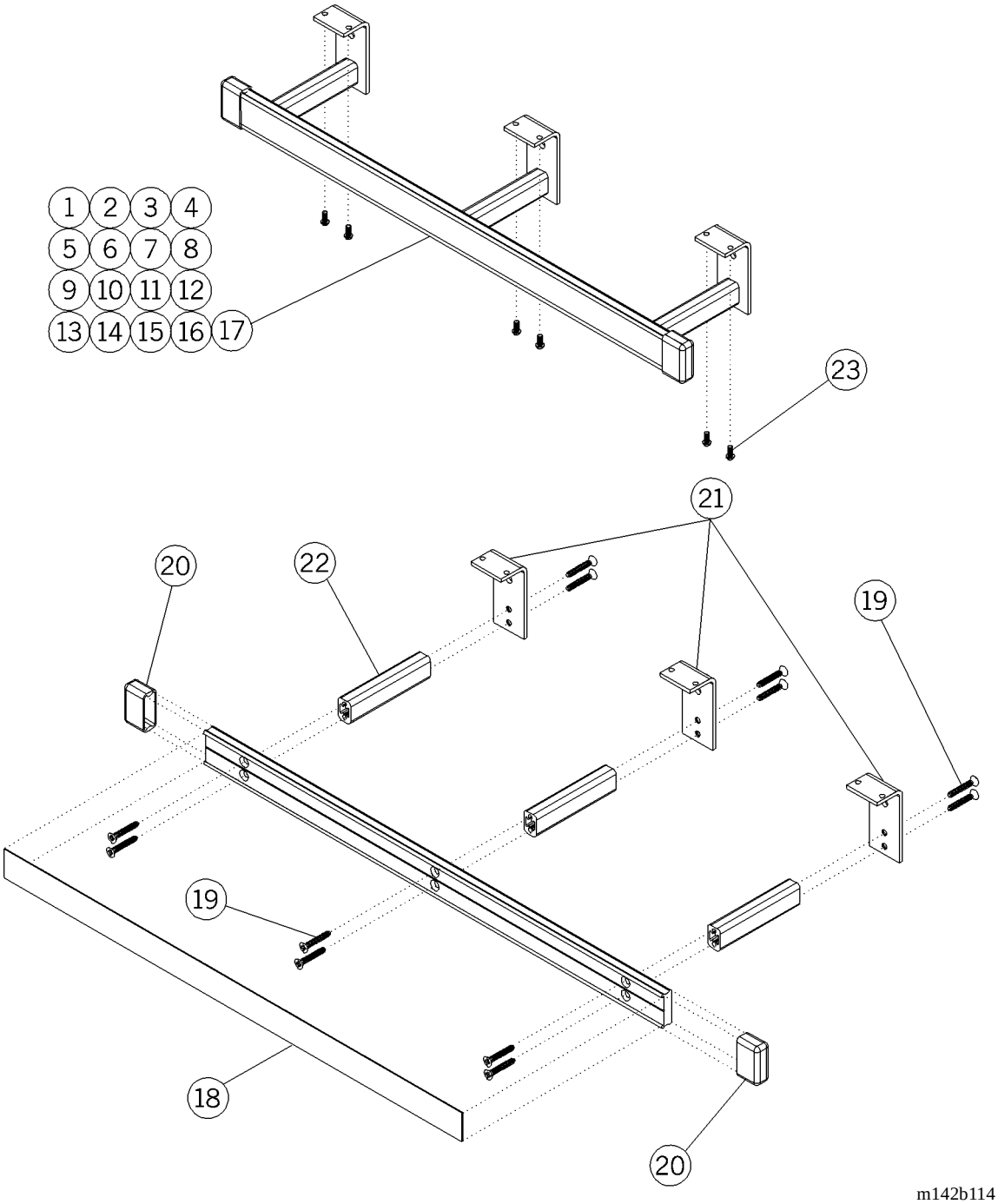

Table 5-21. Accessory Bar Assembly—P2002B

Item Number	Part Number	Quantity	Description
1	SP55701 (2002)	1	Rail accessory 9" long
2	SP55702 (2002)	1	Rail accessory 12" long
3	SP55703 (2002)	1	Rail accessory 15" long
4	SP55704 (2002)	1	Rail accessory 18" long
5	SP55705 (2002)	1	Rail accessory 21" long
6	SP55706 (2002)	1	Rail accessory 24" long
7	SP55707 (2002)	1	Rail accessory 27" long
8	SP55708 (2002)	1	Rail accessory 30" long
9	SP55709 (2002)	1	Rail accessory 33" long
10	SP55710 (2002)	1	Rail accessory 36" long
11	SP55711 (2002)	1	Rail accessory 39" long
12	SP55712 (2002)	1	Rail accessory 42" long
13	SP55713 (2002)	1	Rail accessory 45" long
14	SP55714 (2002)	1	Rail accessory 48" long
15	SP55715 (2002)	1	Rail accessory 51" long
16	SP55716 (2002)	1	Rail accessory 54" long
17	SP55717 (2002)	1	Rail accessory 57" long
18	SP560 (2002)	1	HPL fascia, lower accessory rail
19	204085 (2002)‡	8	Flat head screw
20	204150 (2002)	2	End cap, accessory rail
21	204114 (2002)‡‡	2	Bracket, accessory rail

‡ 8 places on assemblies -01, -02, and -03 only.
12 places on assemblies -04 through -09 only.
16 places on assemblies -10 through -15 only.
20 places on assemblies -16 and -17 only.

‡‡ 2 places on assemblies -01, -02, and -03 only.
3 places on assemblies -04 through -09 only.
4 places on assemblies -10 through -15 only.
5 places on assemblies -16 and -17 only.

Item Number	Part Number	Quantity	Description
22	20225905 (2002)‡‡‡	2	Stand-off 3.125"
23	52945-02 (2002) ‡‡‡‡	4	Screw

‡‡‡ 2 places on assemblies -01, -02, and -03 only.
3 places on assemblies -04 through -09 only.
4 places on assemblies -10 through -15 only.
5 places on assemblies -16 and -17 only.

‡‡‡‡ 4 places on assemblies -01, -02, and -03 only.
6 places on assemblies -04 through -09 only.
8 places on assemblies -10 through -15 only.
10 places on assemblies -16 and -17 only.

NOTES:

Top Cap Options—P2002

Figure 5-23. Top Cap Options—P2002

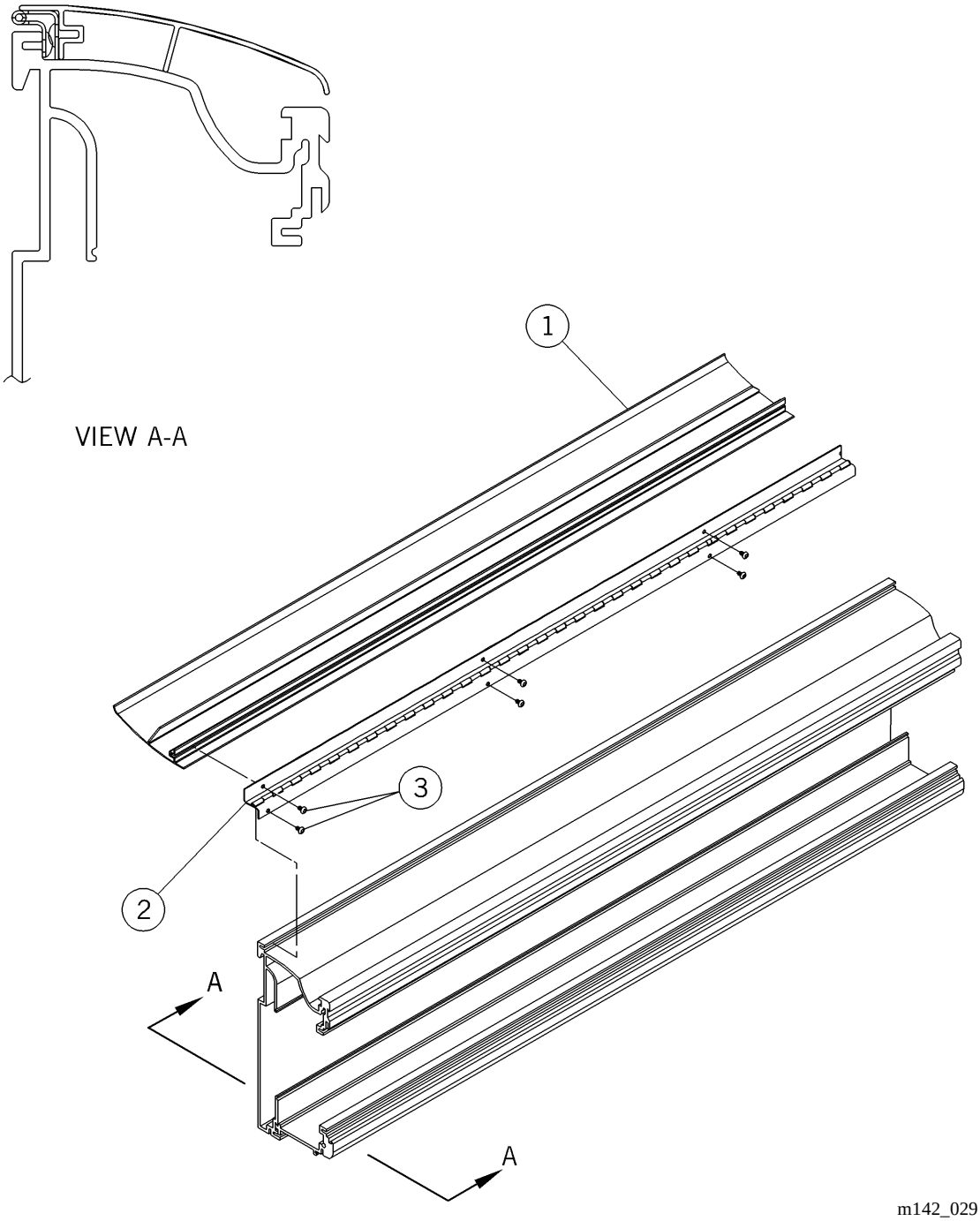

Table 5-22. Top Cap Options—P2002

Item Number	Part Number	Quantity	Description
1	SP48401 (2002)§§§ or SP48402 (2002)§§§	1	Top cap short Top cap long
2	SP49101 (2002) or SP49102 (2002)	1	Top cap hinge short Top cap hinge long
3	52945-03 (2002)‡	6	Screw

§§§ Specify paint color.

‡ The long top cap uses a quantity of 10 screws.

Top Cap Option—P2002A

Figure 5-24. Top Cap Option—P2002A

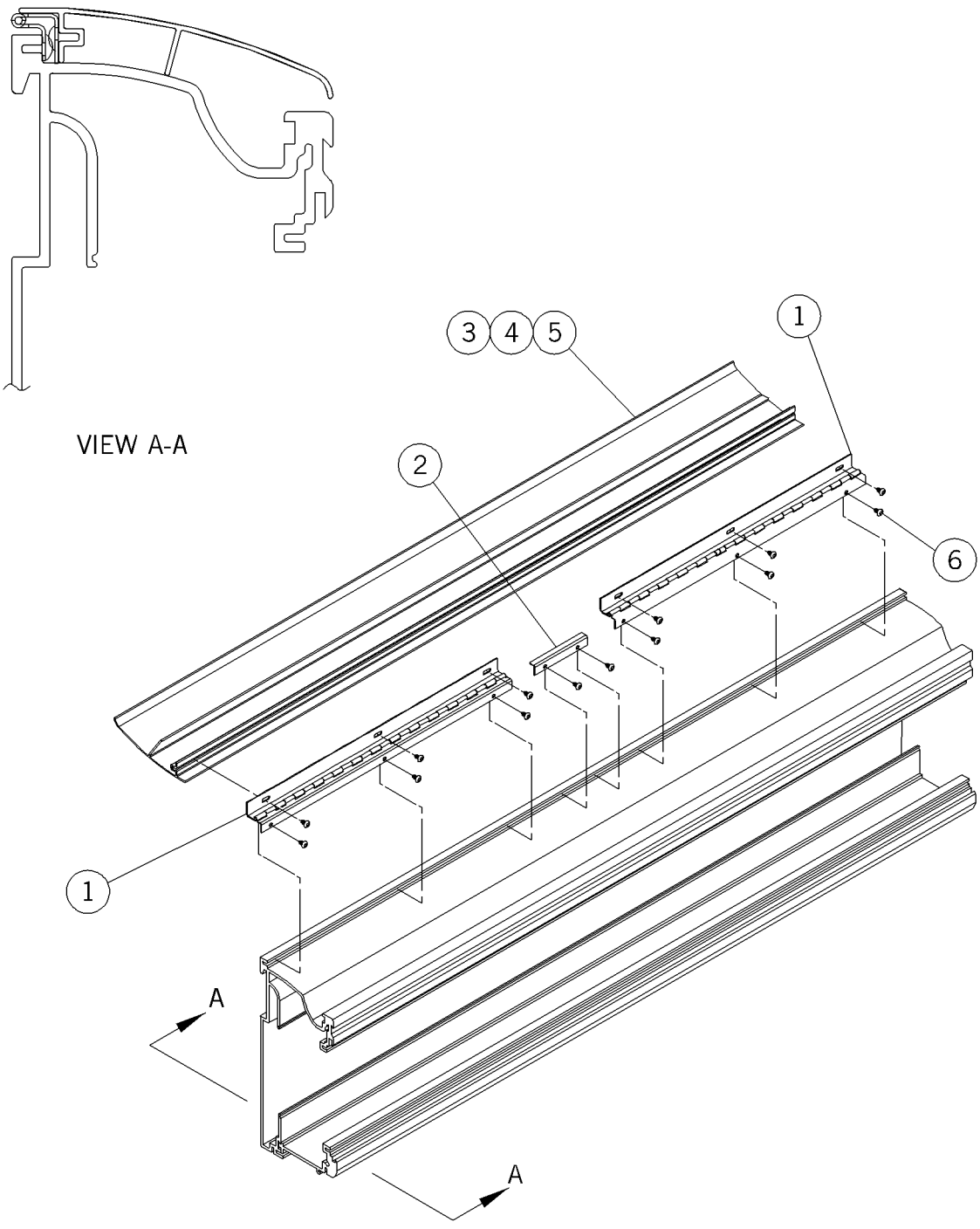

Table 5-23. Top Cap Option (M20013201) P2002A

Item Number	Part Number	Quantity	Description
1	203544 (2002)	2	Top cap hinge
2	203561-39 (2002)	N/A	Top cap support
3	SP48401 (2002)§§§	1	Top cap short
4	SP48402 (2002)§§§	N/A	Top cap long
5	SP48430 (2002)§§§	N/A	Top cap—30"
6	52945-03 (2002)	12	Screw

§§§ Specify paint color.

Table 5-24. Top Cap Option (M20013202) P2002A

Item Number	Part Number	Quantity	Description
1	203544 (2002)	2	Top cap hinge
2	203561-39 (2002)	1	Top cap support
3	SP48401 (2002)§§§	N/A	Top cap short
4	SP48402 (2002)§§§	1	Top cap long
5	SP48430 (2002)§§§	N/A	Top cap—30"
6	52945-03 (2002)	14	Screw

§§§ Specify paint color.

Table 5-25. Top Cap Option (M20013203) P2002A

Item Number	Part Number	Quantity	Description
1	203544 (2002)	2	Top cap hinge
2	203561-39 (2002)	N/A	Top cap support

Item Number	Part Number	Quantity	Description
3	SP48401 (2002)§§§	N/A	Top cap short
4	SP48402 (2002)§§§	N/A	Top cap long
5	SP48430 (2002)§§§	1	Top cap—30"
6	52945-03 (2002)	12	Screw

§§§ Specify paint color.

NOTES:

Spreader Bar Option—P2002

Figure 5-25. Spreader Bar Option—P2002

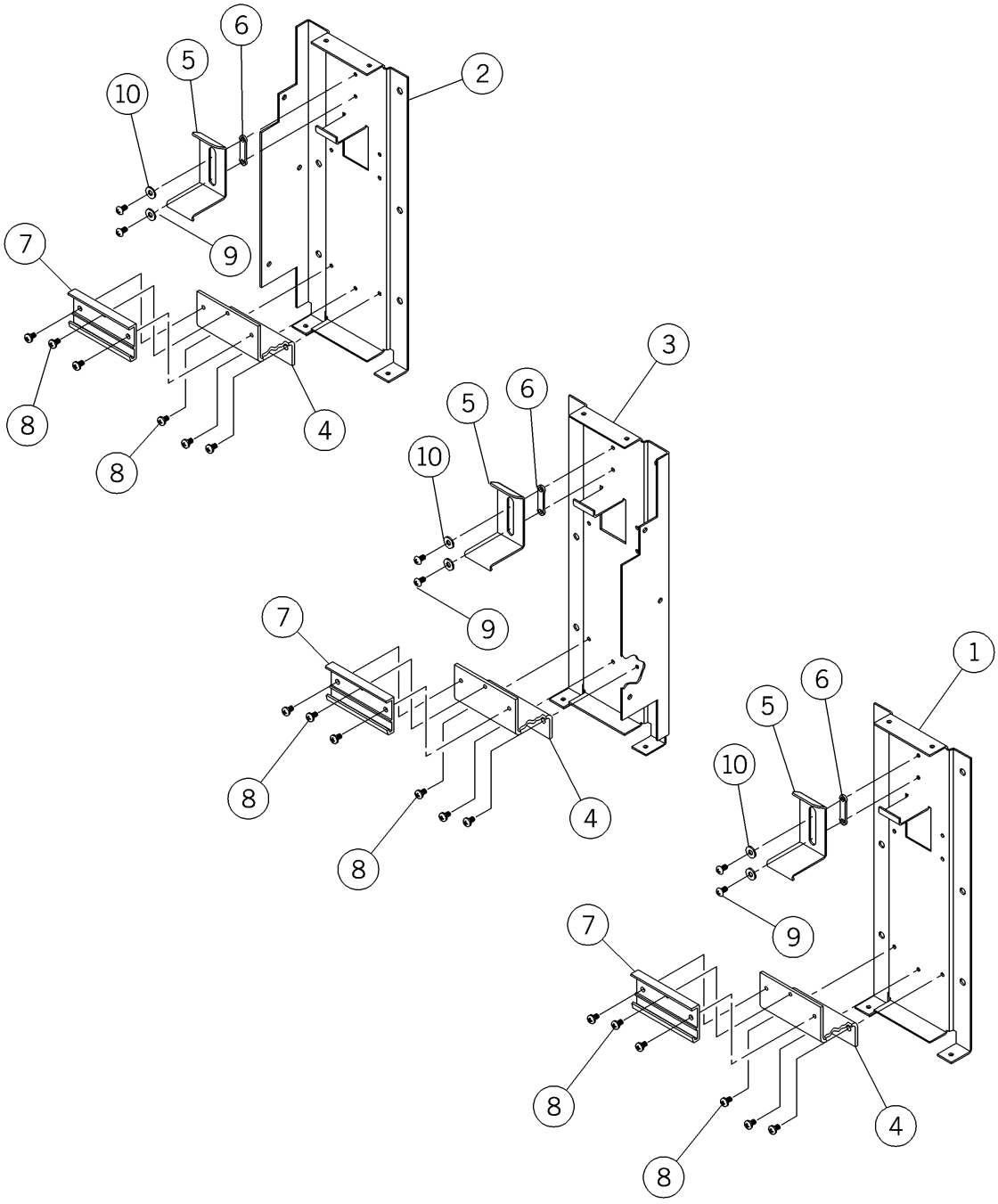

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Table 5-26. Spreader Bar Option—P2002

Item Number	Part Number	Quantity	Description
1	58741 (2002)	1	Spreader bar
2	5879301 (2002)	1	Spreader end plate, lh
3	5079302 (2002)	1	Spreader end plate, rh
4	58743 (2002)	1	Panel mount
5	58744 (2002)	1	Panel latch
6	58540 (2002)	1	Panel latch guide
7	58807 (2002)	1	Hose panel bracket
8	393 (2002)	6	Screw
9	52555-03 (2002)	2	Screw
10	143 (2002)	2	Washer

Spreader Bar Option—P2002A

Figure 5-26. Spreader Bar Option—P2002A

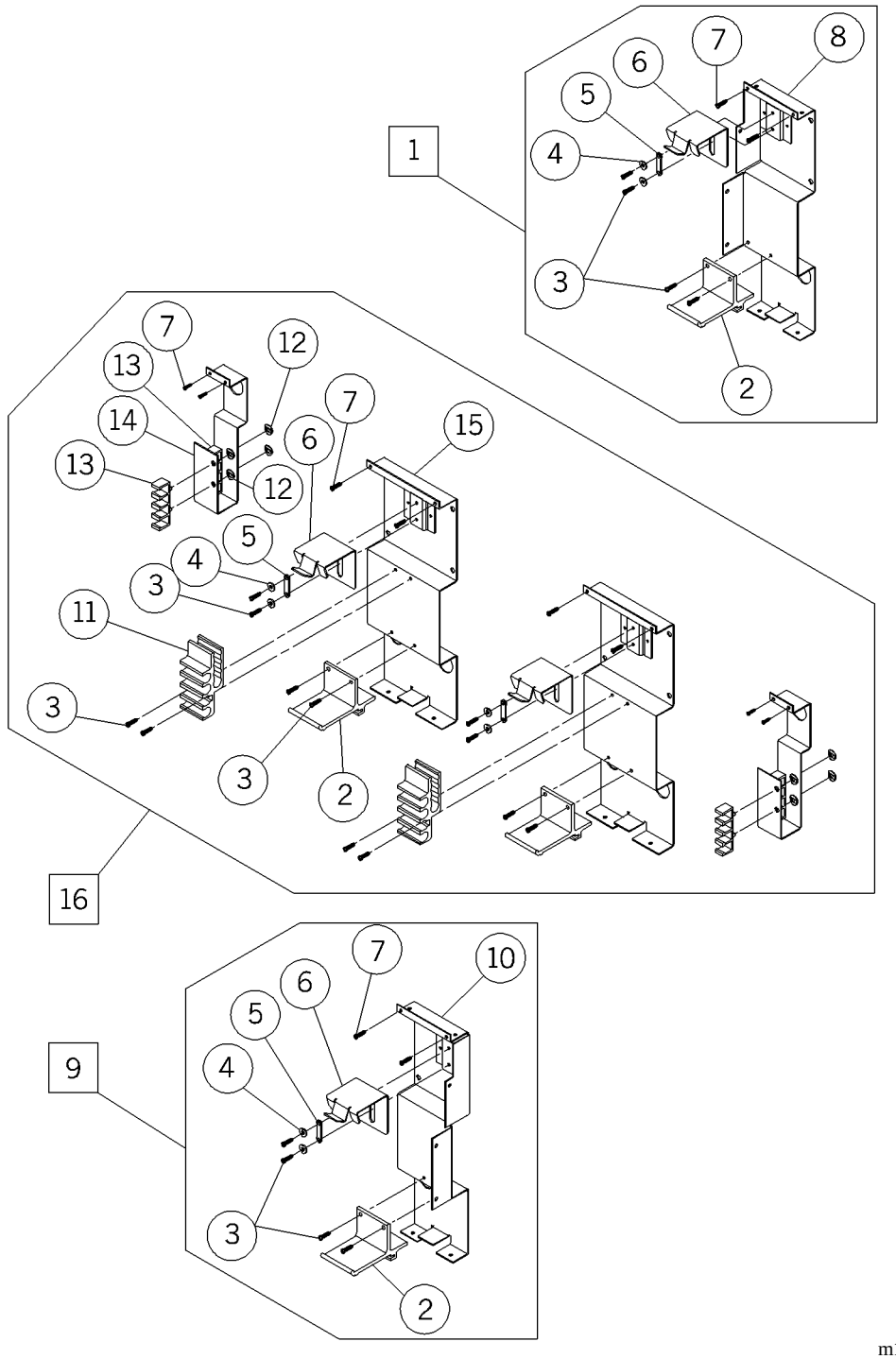

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Table 5-27. Spreader Bar Option—Left-Hand (M203494-01)

Item Number	Part Number	Quantity	Description
1	M20349401 (2002)	1	Spreader bar assembly—lh
2	203402 (2002)	1	Bracket, panel hinge
3	52555-03 (2002)	4	Screw
4	143 (2002)	2	Washer
5	58540 (2002)	1	Panel latch guide
6	204111 (2002)	1	Latch
7	52945-02 (2002)	2	Screw
8	20333101 (2002)	1	Spreader bar weldment—left

Table 5-28. Spreader Bar Option—Right-Hand (M203494-02)

Item Number	Part Number	Quantity	Description
2	203402 (2002)	1	Bracket, panel hinge
3	52555-03 (2002)	4	Screw
4	143 (2002)	2	Washer
5	58540 (2002)	1	Panel latch guide
6	204111 (2002)	1	Latch
7	52945-02 (2002)	2	Screw
9	M20349402 (2002)	1	Spreader bar assembly—rh
10	20333102 (2002)	1	Spreader bar weldment—right

Table 5-29. Spreader Bar Option—Center (M203454-03)

Item Number	Part Number	Quantity	Description
2	203402 (2002)	2	Bracket, panel hinge
3	52555-03 (2002)	12	Screw
4	143 (2002)	4	Washer
5	58540 (2002)	2	Panel latch guide
6	203439 (2002)	2	Latch

Item Number	Part Number	Quantity	Description
7	52945-02 (2002)	8	Screw
11	203313 (2002)	2	Hose bracket
12	203491 (2002)	8	Retaining clip
13	203347 (2002)	4	Hose clip
14	203349 (2002)	2	Hose clip mounting bracket
15	203330 (2002)	2	Spreader bar weldment—center
16	M20349403 (2002)	1	Spreader bar assembly—center

NOTES:

Spreader Bar Option—P2002B

Figure 5-27. Spreader Bar Option—P2002B

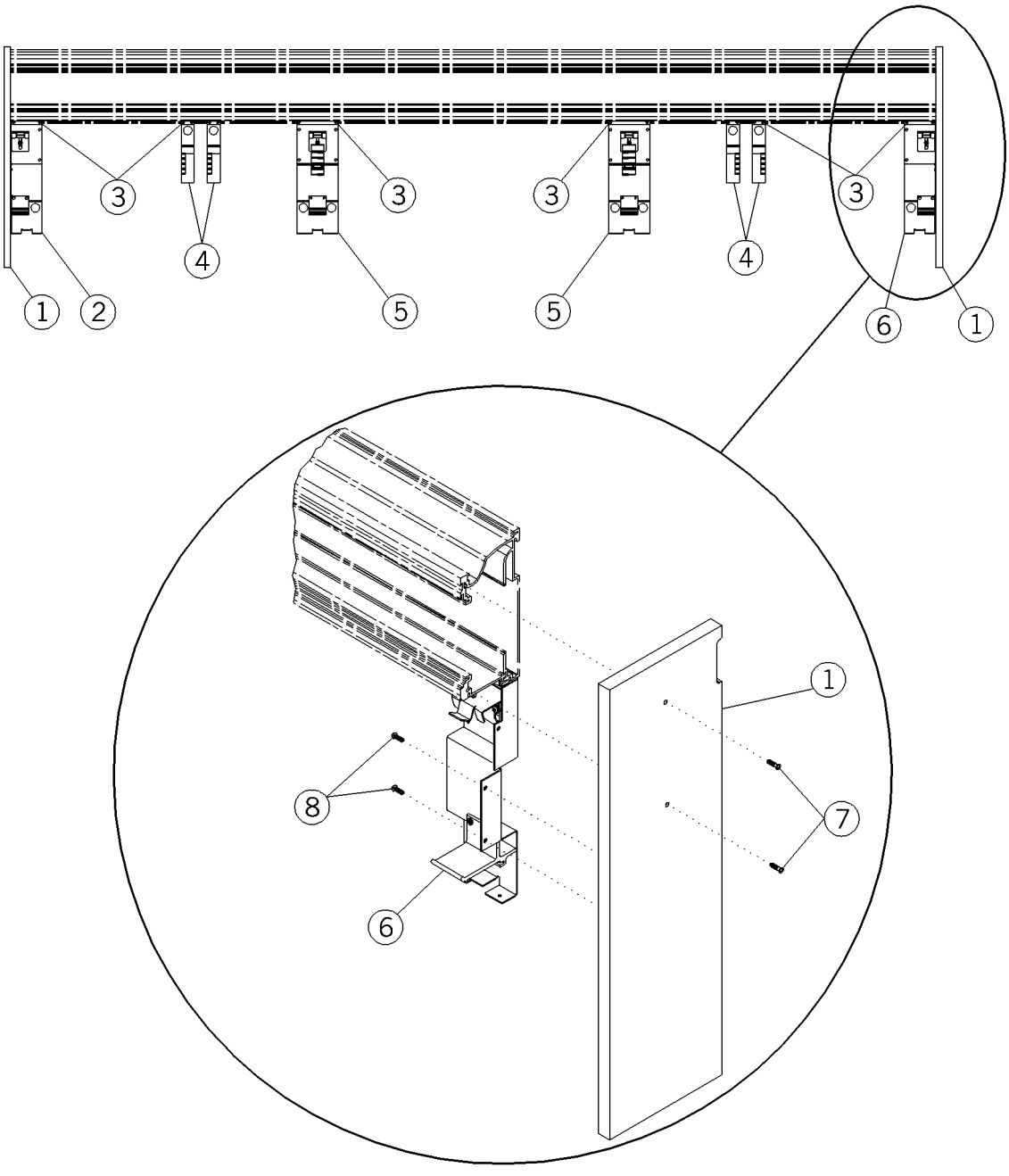

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Table 5-30. Spreader Bar Option (M204118-01)

Item Number	Part Number	Quantity	Description
1	204076 (2002)	1	Wood end crating
2			
3	52945-02 (2002)	2	Screw
4			
5			
6	204517-01 (2002)	1	End spreader assembly, lh
7	53143-01 (2002)	2	Screw
8	50854-03 (2002)	2	Screw

Table 5-31. Spreader Bar Option (M204118-02)

Item Number	Part Number	Quantity	Description
1	204076 (2002)	1	Wood end crating
2	204517-02 (2002)	1	End spreader assembly, rh
3	52945-02 (2002)	2	Screw
4			
5			
6			
7	53143-01 (2002)	2	Screw
8	50854-03 (2002)	2	Screw

Table 5-32. Spreader Bar Option (M204118-03)

Item Number	Part Number	Quantity	Description
1			
2			
3	52945-02 (2002)	8	Screw
4	203599 (2002)	2	Hose clip assembly
5	204518 (2002)	2	Center spread assembly
6			

Lower Filler Option—P2002

Figure 5-28. Lower Filler Option—P2002

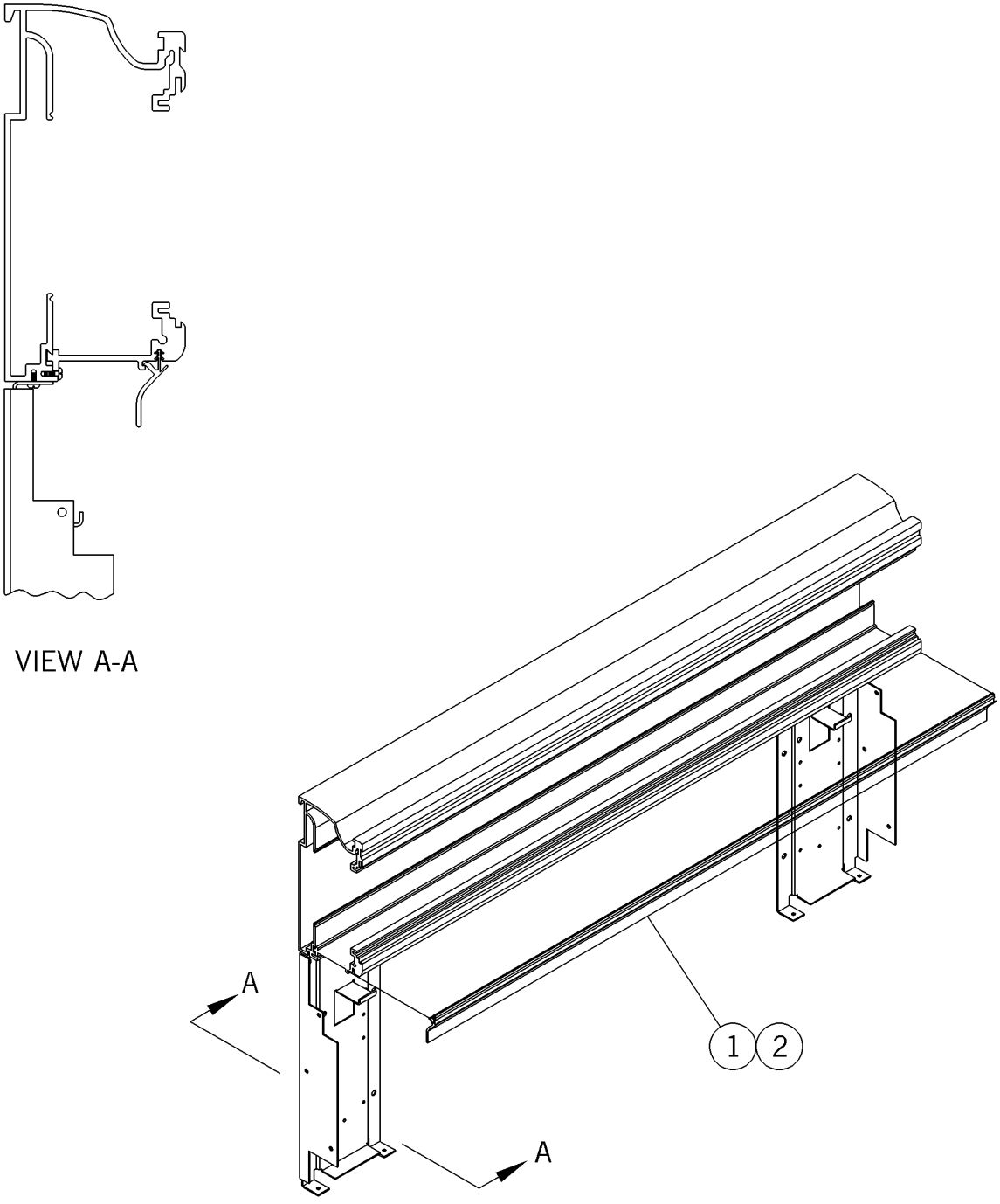

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Table 5-33. Lower Filler Option—P2002

Item Number	Part Number	Quantity	Description
1	SP48501 (2002)		Lower filler short
2	SP48502 (2002)		Lower filler long

Lower Filler Option—P2002A/P2002B

Figure 5-29. Lower Filler Option—P2002A/P2002B

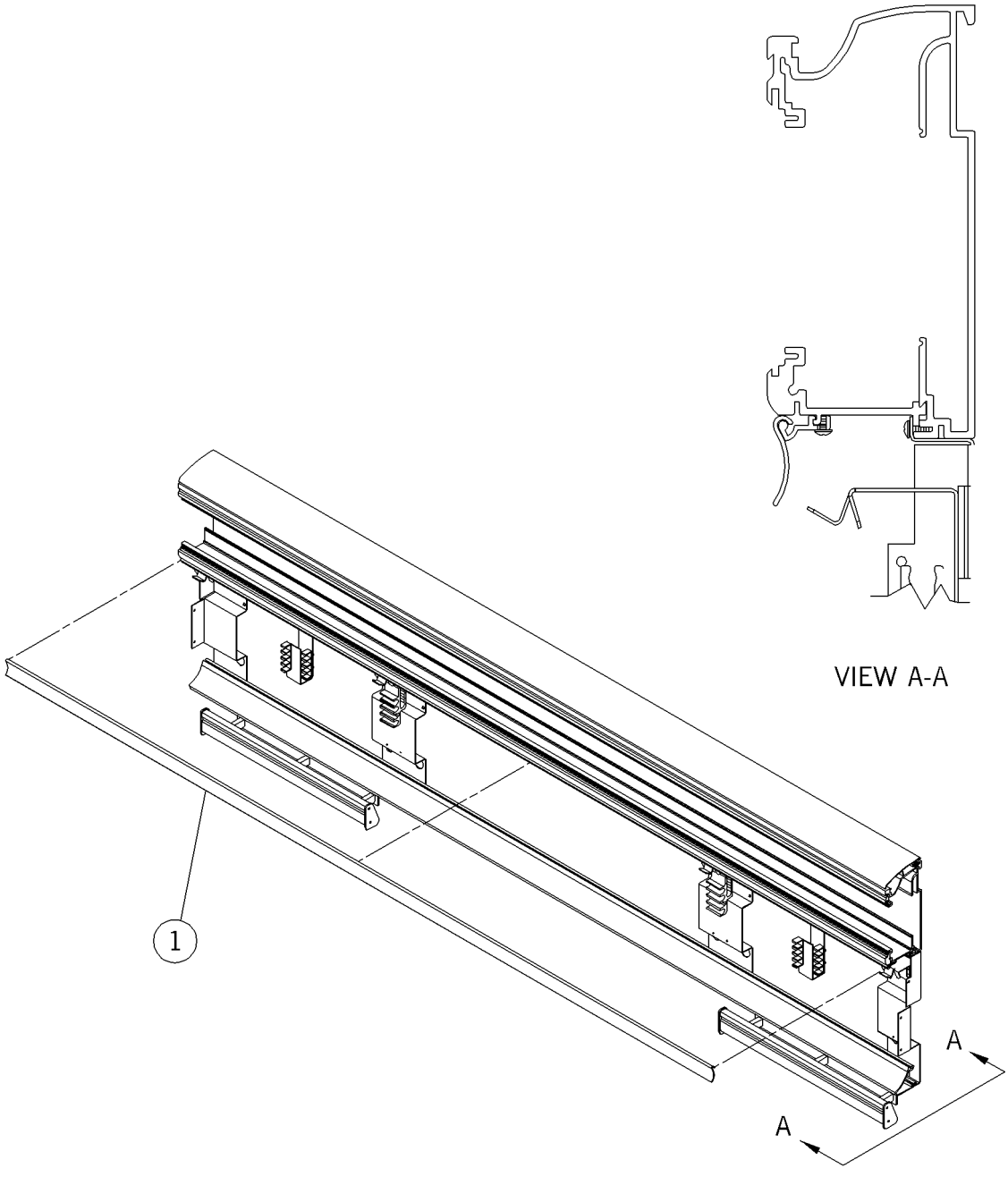

Table 5-34. Lower Filler Option—P2002A/P2002B

Item Number	Part Number	Quantity	Description
1	SP539 (2002)§§§	1	Filler strip

§§§ Specify paint color.

Lower Gas Rail Option—P2002

Figure 5-30. Lower Gas Rail Option—P2002

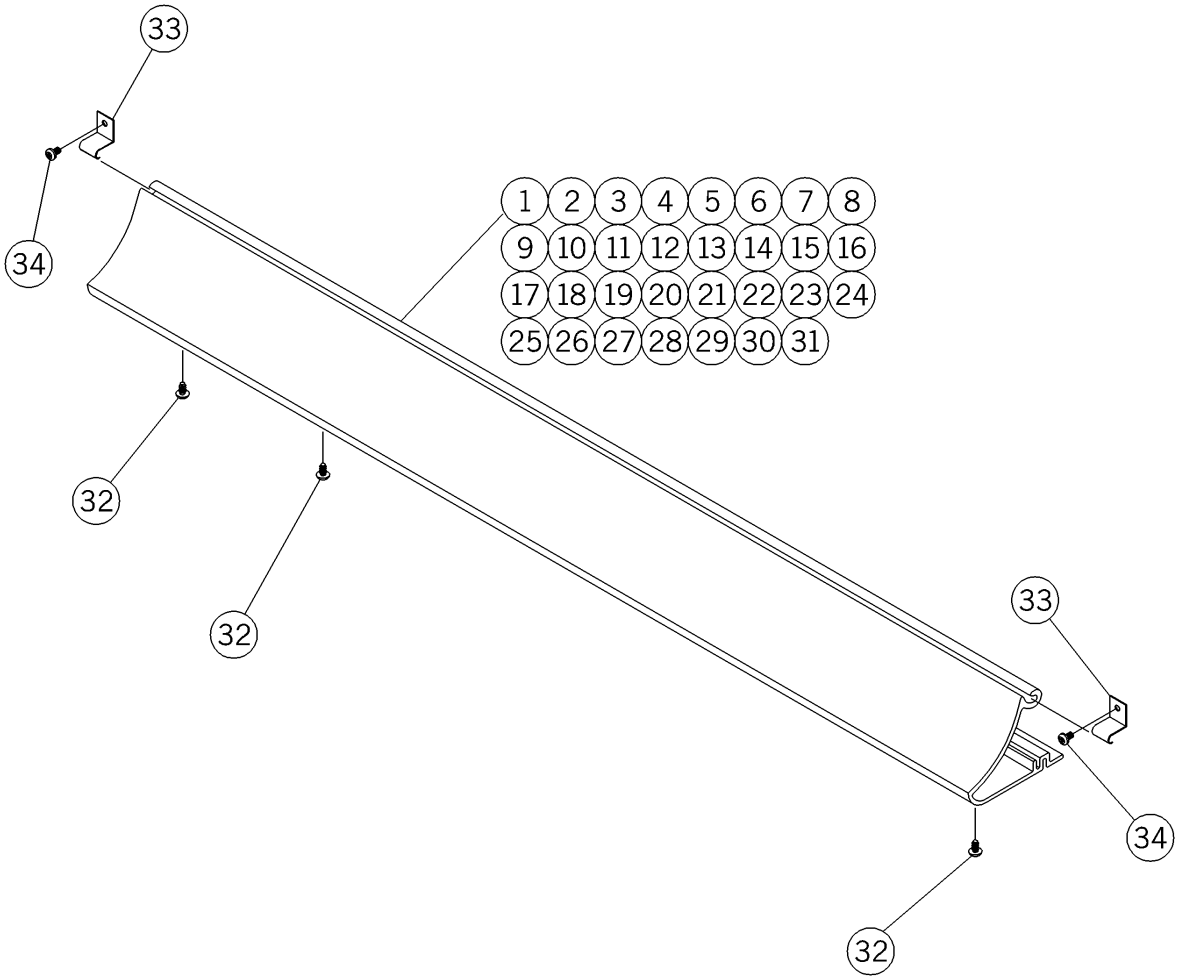

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Table 5-35. Lower Gas Rail Option—P2002

Item Number	Part Number	Quantity	Description
1	5888501 (2002)§§§	1	Lower gas rail, 8.250" long
2	5888502 (2002)§§§	1	Lower gas rail, 10.063" long
3	5888503 (2002)§§§	1	Lower gas rail, 11.875" long
4	5888504 (2002)§§§	1	Lower gas rail, 13.688" long
5	5888505 (2002)§§§	1	Lower gas rail, 15.500" long
6	5888506 (2002)§§§	1	Lower gas rail, 17.313" long
7	5888507 (2002)§§§	1	Lower gas rail, 19.125" long
8	5888508 (2002)§§§	1	Lower gas rail, 20.935" long
9	5888509 (2002)§§§	1	Gas rail, lower
10	5888510 (2002)§§§	1	Lower gas rail, 21.844" long
11	5888511 (2002)§§§	1	Lower gas rail, 22.750" long
12	5888512 (2002)§§§	1	Lower gas rail, 23.656" long
13	5888513 (2002)§§§	1	Lower gas rail, 24.563" long
14	5888514 (2002)§§§	1	Lower gas rail, 25.469" long
15	5888515 (2002)§§§	1	Lower gas rail, 26.375" long
16	5888516 (2002)§§§	1	Lower gas rail, 27.281" long

§§§ Specify paint color.

Item Number	Part Number	Quantity	Description
17	5888517 (2002)§§§	1	Lower gas rail, 28.188" long
18	5888518 (2002)§§§	1	Lower gas rail, 29.094" long
19	5888519 (2002)§§§	1	Lower gas rail, 30.000" long
20	5888520 (2002)§§§	1	Lower gas rail, 30.906" long
21	5888521 (2002)§§§	1	Lower gas rail, 31.813" long
22	5888522 (2002)§§§	1	Lower gas rail, 32.719" long
23	5888523 (2002)§§§	1	Lower gas rail, 33.625" long
24	5888524 (2002)§§§	1	Lower gas rail, 34.531" long
25	5888525 (2002)§§§	1	Lower gas rail, 35.438" long
26	5888526 (2002)§§§	1	Lower gas rail, 35.969" long
27	5888527 (2002)§§§	1	Lower gas rail, 36.344" long
28	5888528 (2002)§§§	1	Lower gas rail, 37.250" long
29	5888529 (2002)§§§	1	Lower gas rail, 38.156" long
30	5888530 (2002)§§§	1	Lower gas rail, 39.063" long
31	5888531 (2002)§§§	1	Lower gas rail, 39.969" long
32	52945-03 (2002)‡	3	Screw, truss
33	59187 (2002)	2	Retainer
34	52555-03 (2002)	2	Screw

§§§ Specify paint color.

‡ The 35.969" long gas rail (58885-26) uses a quantity of two screws.

NOTES:

Lower Gas Rail Option—P2002A

Figure 5-31. Lower Gas Rail Option—P2002A

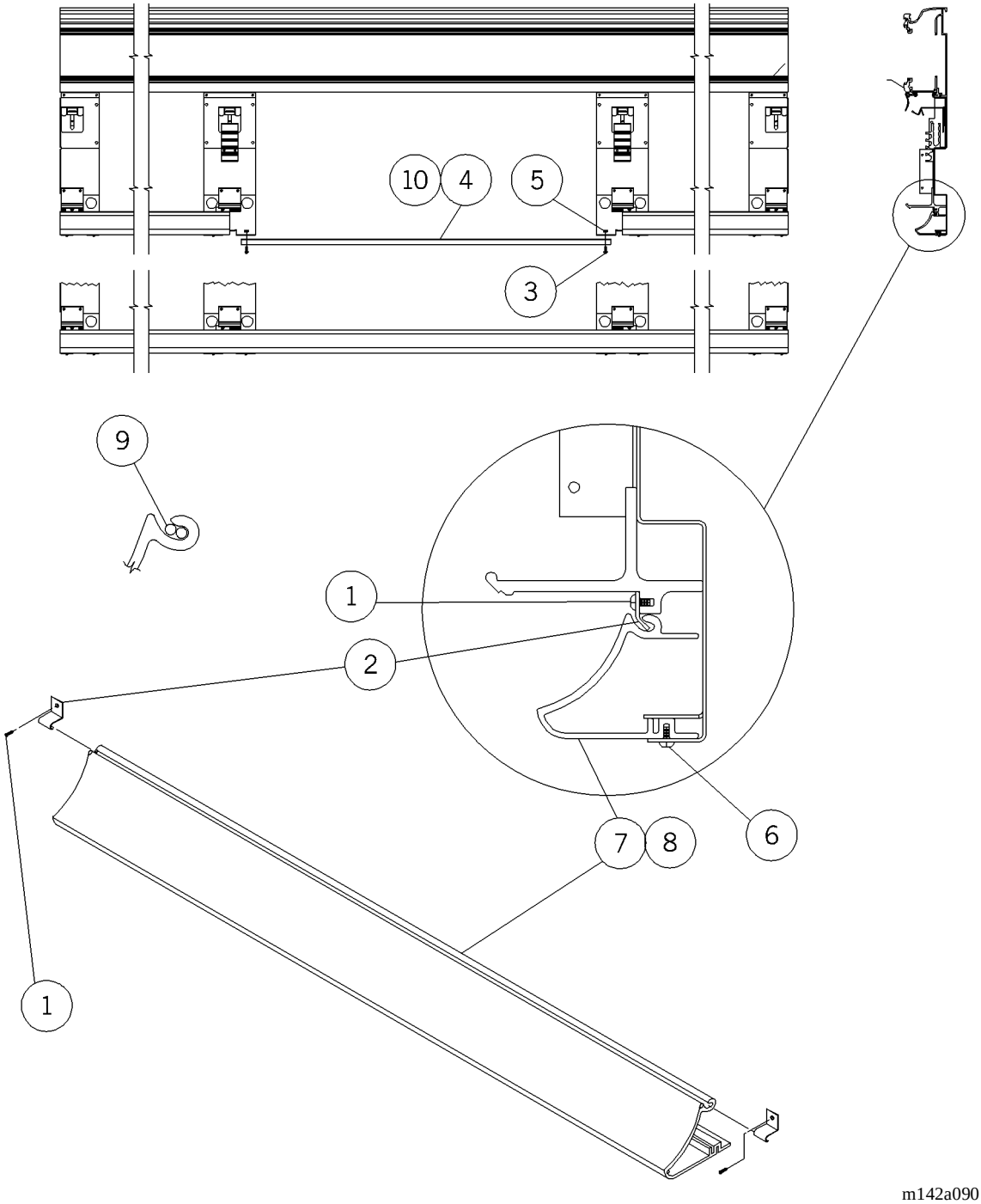


Table 5-36. Lower Gas Rail Option—P2002A

Item Number	Part Number	Quantity	Description
1	52555-03 (2002)	4	Screw
2	59460 (2002)	4	Retainer clip
3	52243-03 (2002)	2	Screw
4	20356 (2002)	1	Pull back
5	15250 (2002)	2	Locknut washer base
6	52945-03 (2002)	8	Screw
7	SP54001 (2002)§§§	2	Lower gas rail
8	SP54002 (2002)§§§	1	Lower gas rail
9	58969 (2002)	2	Excluder bar
10	53012 (2002)	As required	Epoxy adhesive

§§§ Specify paint color.

Lower Gas Rail Option—P2002B

Figure 5-32. Lower Gas Rail Option—P2002B

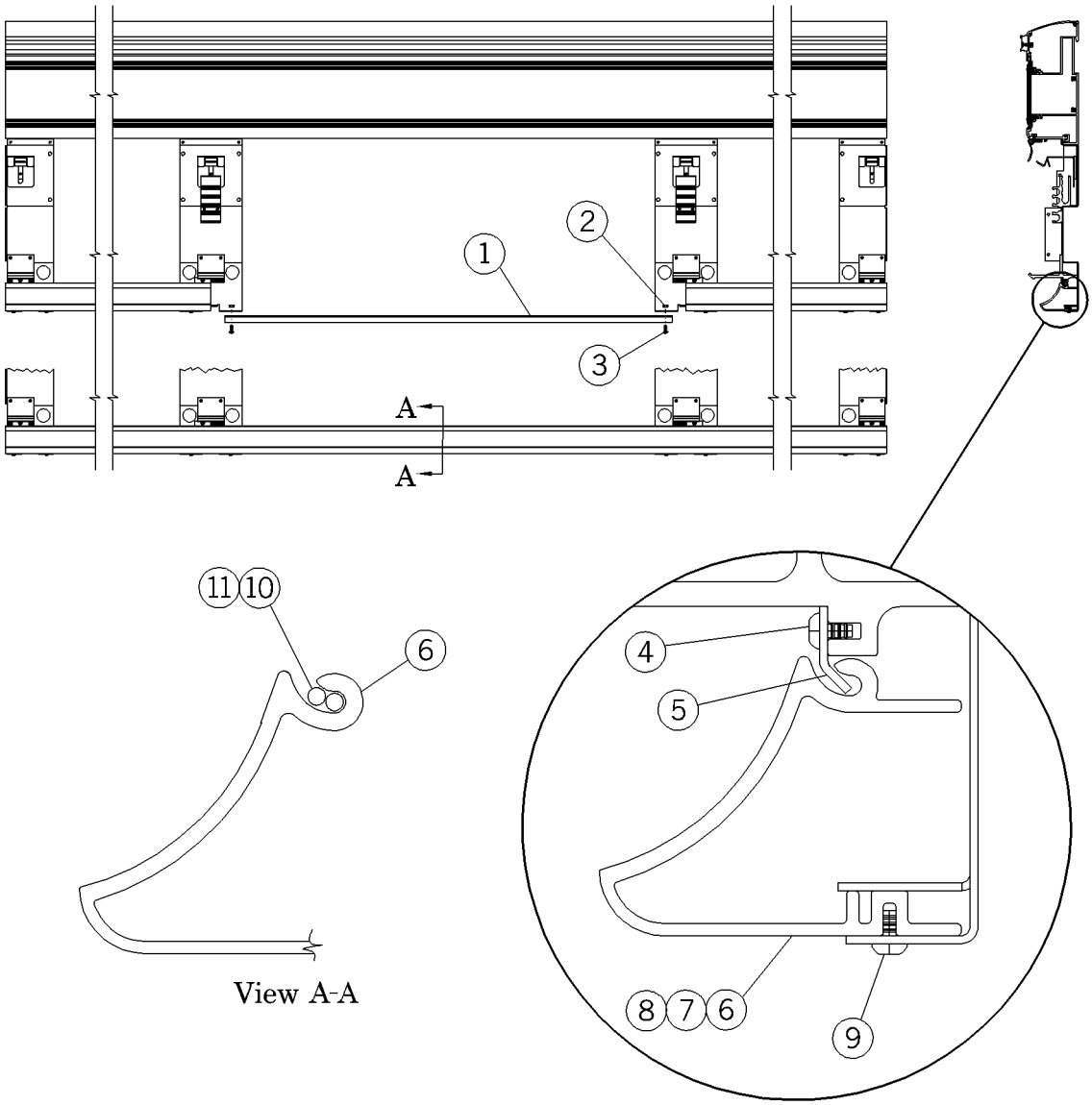


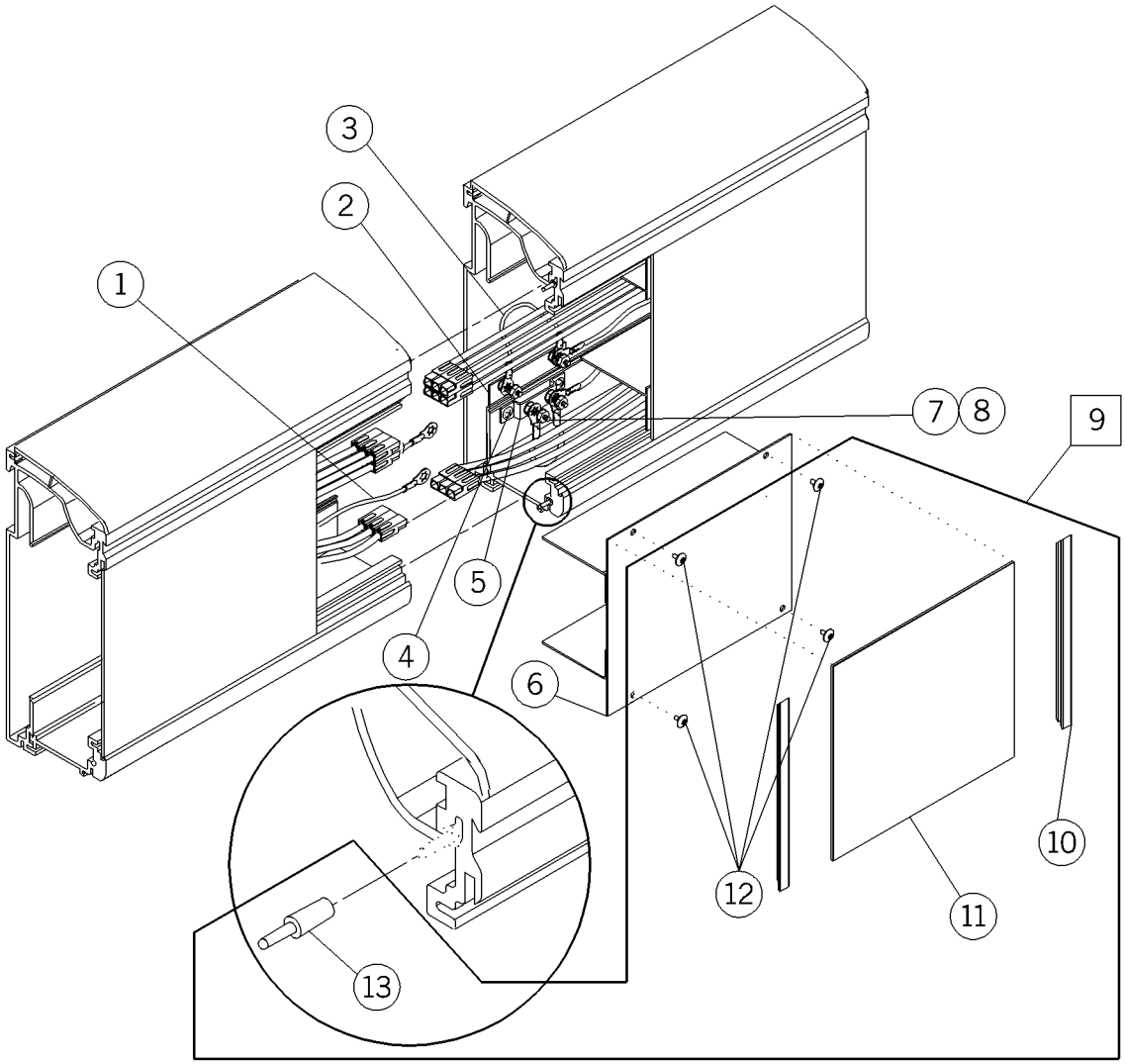
Table 5-37. Lower Gas Rail Option—P2002B

Item Number	Part Number	Quantity	Description
1	203563 (2002)	1	Spacer
2	15250 (2002)	2	Locknut
3	52243-03 (2002)	2	Pan head screw
4	52555-02 (2002)	4	Pan head screw
5	59460 (2002)	4	Retainer clip
6	SP592-01 (2002)§§§	2	Lower gas rail
7	SP592-02 (2002)§§§	1	Lower gas rail
8	SP592-03 (2002)§§§	1	Lower gas rail, 30" long
9	52945-03 (2002)	8	Truss head screw
10	58969 (2002)	2	Excluder bar
11	53012 (2002)	As required	Epoxy adhesive

§§§ Specify paint color.

Transition Area Option—P2002A

Figure 5-33. Transition Area Option—P2002A



m142a092

Table 5-38. Transition Area Option—P2002A

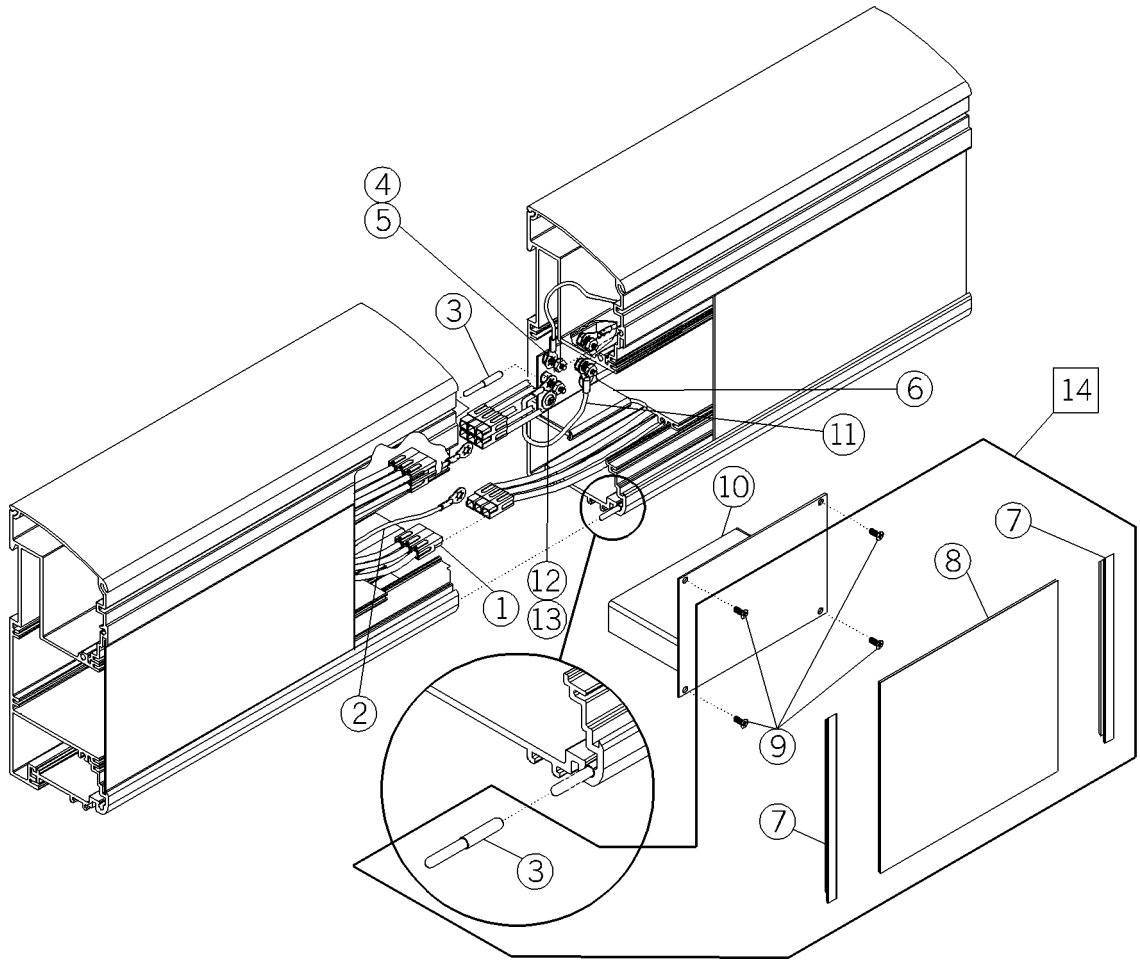
Item Number	Part Number	Quantity	Description
1	5125900 (2002)	2	Wire lead—green
2	203972 (2002)	1	Ground bar support
3	5207405 (2002)	2	Wire lead—green 6"
4	52243-03 (2002)	2	Screw
5	57236 (2002)	1	Ground stud support
6	203970 (2002)	1	Transition cover assembly
7	15250 (2002)	13	Locknut washer base
8	52243-07 (2002)	6	Screw
9	203602 (2002)§*	1	Bag assembly
10	58922 (2002)	2	Cover trim
11	59168 (2002)	1	Transition fascia cover
12	16115 (2002)	4	Screw
13	203595 (2002)	2	Transition pin

§ Specify paint color.

* Specify high pressure laminate color.

Transition Area Option—P2002B

Figure 5-34. Transition Area Option—P2002B



m142b105

Table 5-39. Transition Area Option—P2002B

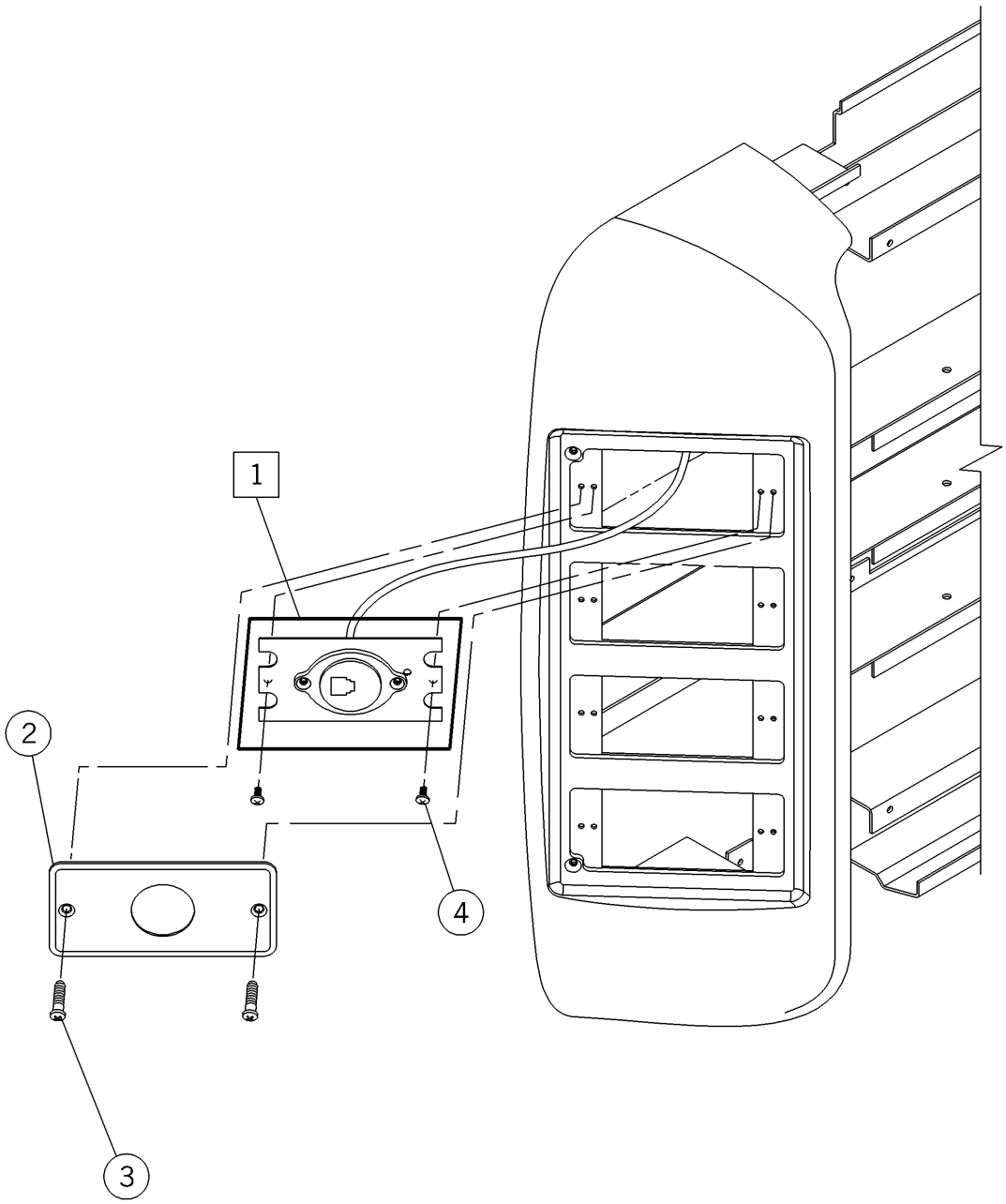
Item Number	Part Number	Quantity	Description
1	51517-01 (2002)	12	Housing contact
2	5125900 (2002)	2	Wire lead, green
3	203595 (2002)	2	Transition pin
4	15250 (2002)	10	Locknut washer base
5	52243-07 (2002)	4	Screw
6	204015 (2002)	2	Ground stud support
7	58922 (2002)	2	Cover trim
8	204016 (2002)*	1	Fascia cover
9	16115 (2002)	4	Screw
10	204012 (2002)	1	Transition cover assembly
11	5207405 (2002)	2	Wire lead, green, 6" long
12	52945-03 (2002)	4	Truss head screw
13	18933 (2002)	4	Washer
14	204017 (2002)§*	1	Bag assembly

§ Specify paint color.

* Specify high pressure laminate color.

Patient Phone Option

Figure 5-35. Patient Phone Option



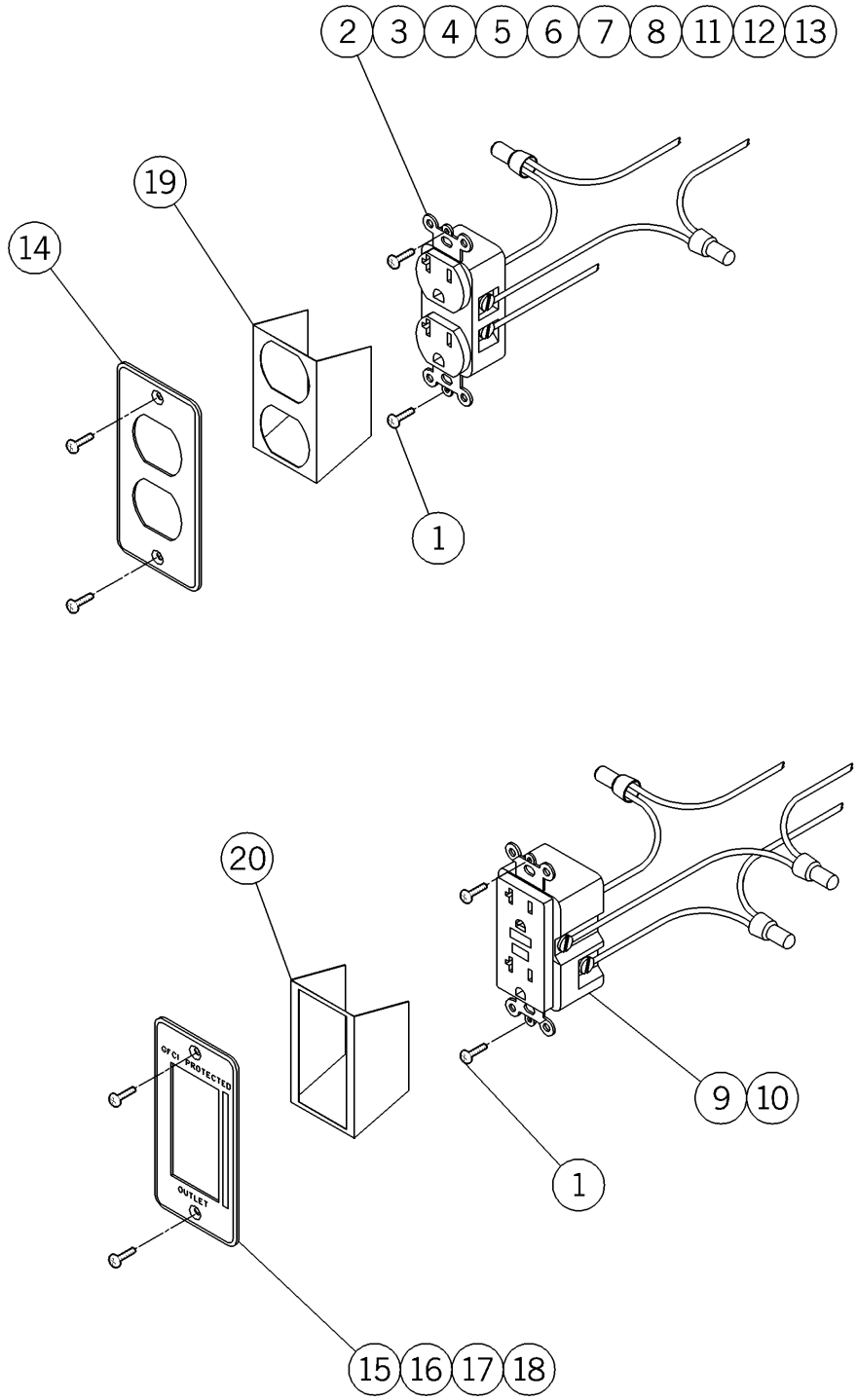
m142_032

Table 5-40. Patient Phone Option

Item Number	Part Number	Quantity	Description
1	54600 (2002)	1	Phone receptacle assembly
2	52235 (2002)	1	Faceplate—telemate
3	50590 (2002)	2	Screw
4	16115 (2002)	2	Screw

Duplex Outlet Receptacles

Figure 5-36. Duplex Outlet Receptacles



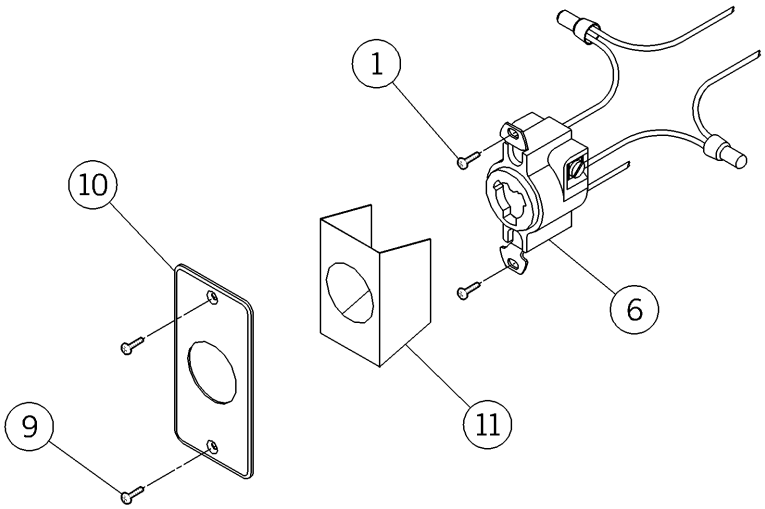
m142_033

Table 5-41. Duplex Outlet Receptacles

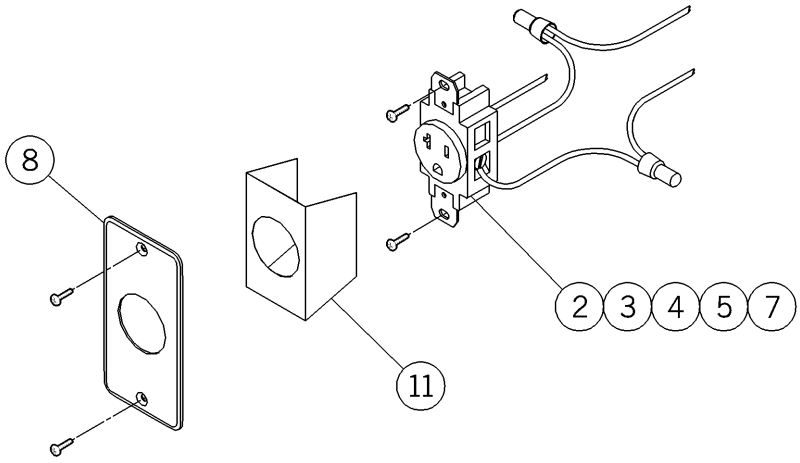
Item Number	Part Number	Quantity	Description
1	16115 (2002)	2	Screw
2	28439 (2002)	1	Outlet, duplex 20A (ivory)
3	51129 (2002)	1	Outlet—duplex—15A ivory
4	28436 (2002)	1	Outlet, duplex 20A (red)
5	51130 (2002)	1	Outlet—duplex—15A red
6	33798 (2002)	1	Outlet—pediatric, 15A (ivory)
7	33799 (2002)	1	Outlet—pediatric, 15A (red)
8	52412 (2002)	1	Outlet—duplex 15A—isolated power
9	51036 (2002)	1	Outlet—GFR, 20A (ivory)
10	54743 (2002)	1	Outlet GFCI duplex 20A red
11	55147 (2002)	1	Light neutral duplex 20A
12	52414 (2002)	1	Outlet, duplex 20A ivory lighted
13	52413 (2002)	1	Outlet, duplex 15A ivory lighted
14	52227 (2002)	1	Duplex faceplate—almond
15	55207 2002)	1	Label — GFCI warning
16	55166 (2002)	1	Faceplate, engraved GFCI
17	55167 (2002)	1	Faceplate, engraved GFCI
18	55168 (2002)	1	Faceplate, engraved GFCI
19	56598 (2002)	1	Insulator, duplex (optional)
20	56878 (2002)	1	Insulator, decorative style (optional)

Single Outlet Receptacles

Figure 5-37. Single Outlet Receptacles



TYPICAL HUBBELLOCK® RECEPTACLE



TYPICAL SIMPLEX RECEPTACLE m142_034

Hubbellock® is a registered trademark of Hubbell Incorporated.

Table 5-42. Single Outlet Receptacles

Item Number	Part Number	Quantity	Description
1	16115 (2002)	2	Screw
2	28438 (2002)	1	Outlet—single 20A (ivory)
3	18061 (2002)	1	Outlet—single 15A (ivory)
4	28437 (2002)	1	Outlet—single 20A (red)
5	51042 (2002)	1	Outlet—single 15A (red)
6	18062 (2002)	1	Outlet—(twist lock)
7	51024 (2002)	1	Outlet—single 15A (orange)
8	52228 (2002)	1	Simplex faceplate—almond
9	50590 (2002)	1	Screw
10	52229 (2002)	1	Faceplate, twist lock
11	56599 (2002)	1	Insulator, simplex (optional)

Line Voltage Switch

Figure 5-38. Line Voltage Switch

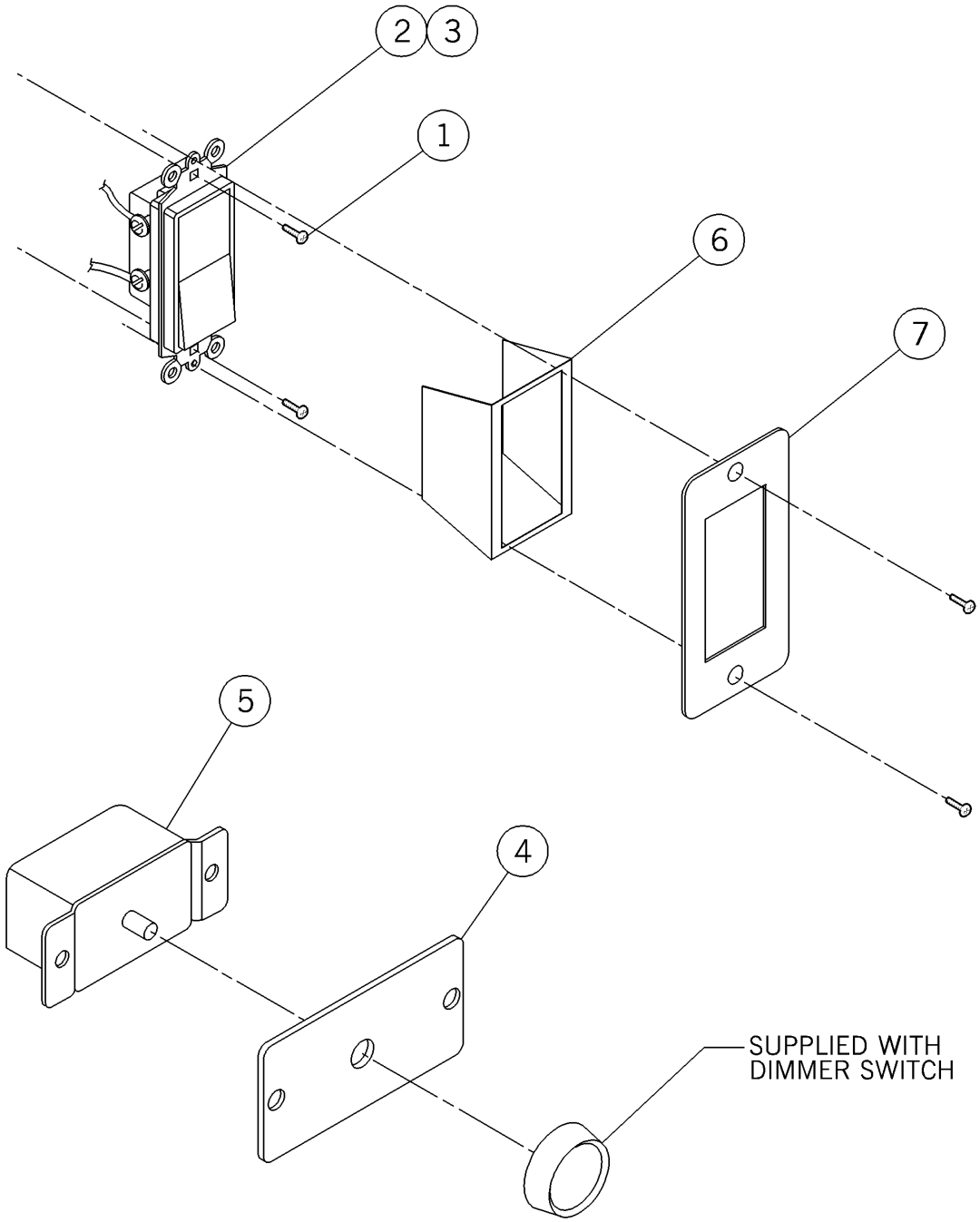
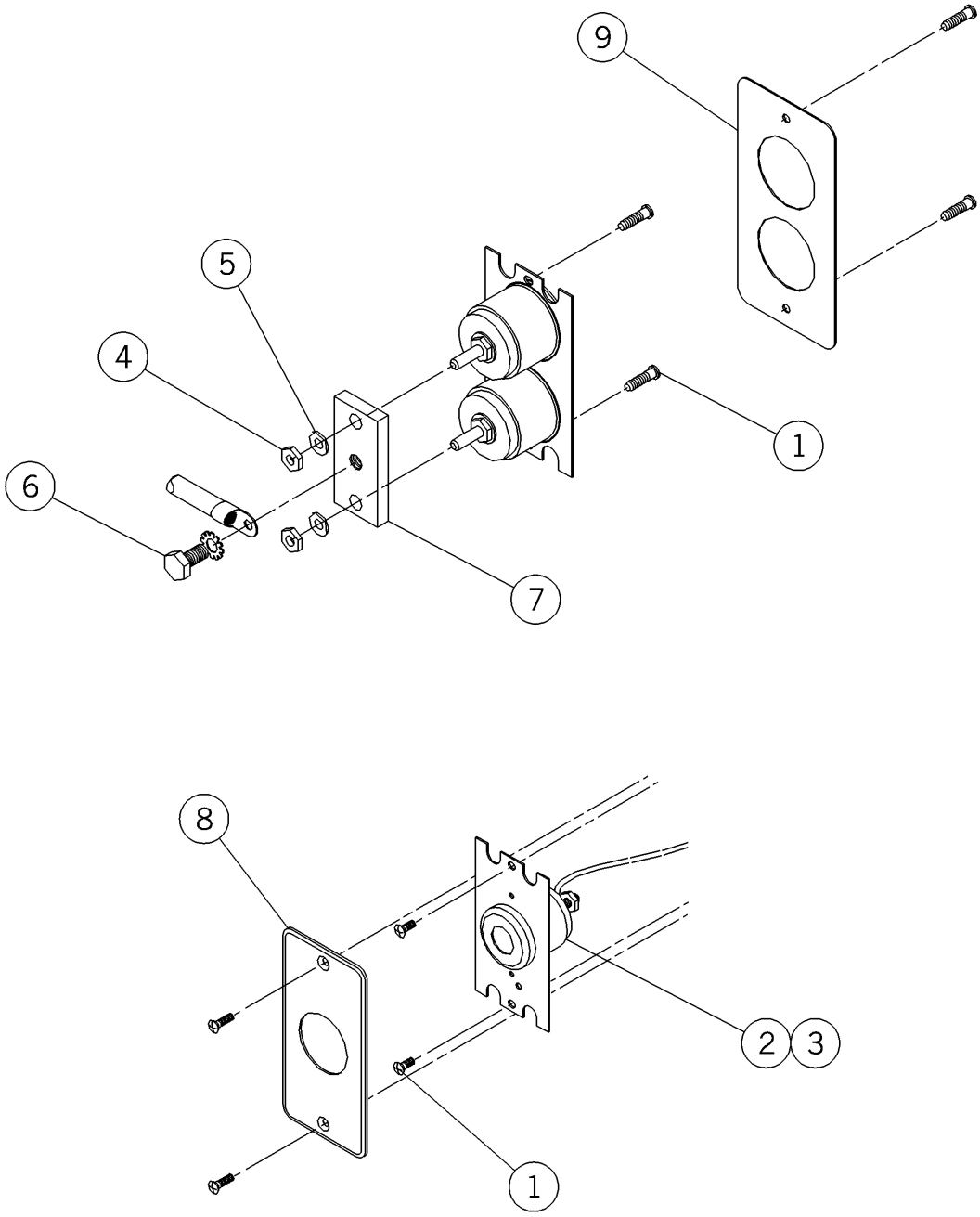


Table 5-43. Line Voltage Switch

Item Number	Part Number	Quantity	Description
1	16115 (2002)	2	Screw
2	32232 (2002)	1	Switch
3	32233 (2002)	1	3-way switch
4	52836 (2002)	1	Faceplate, dimmer switch
5	28441 (2002)	1	Dimmer switch
6	56878 (2002)	1	Insulator, decorative style (optional)
7	52232 (2002)	1	Faceplate switch—almond

Ground Receptacles

Figure 5-39. Ground Receptacles



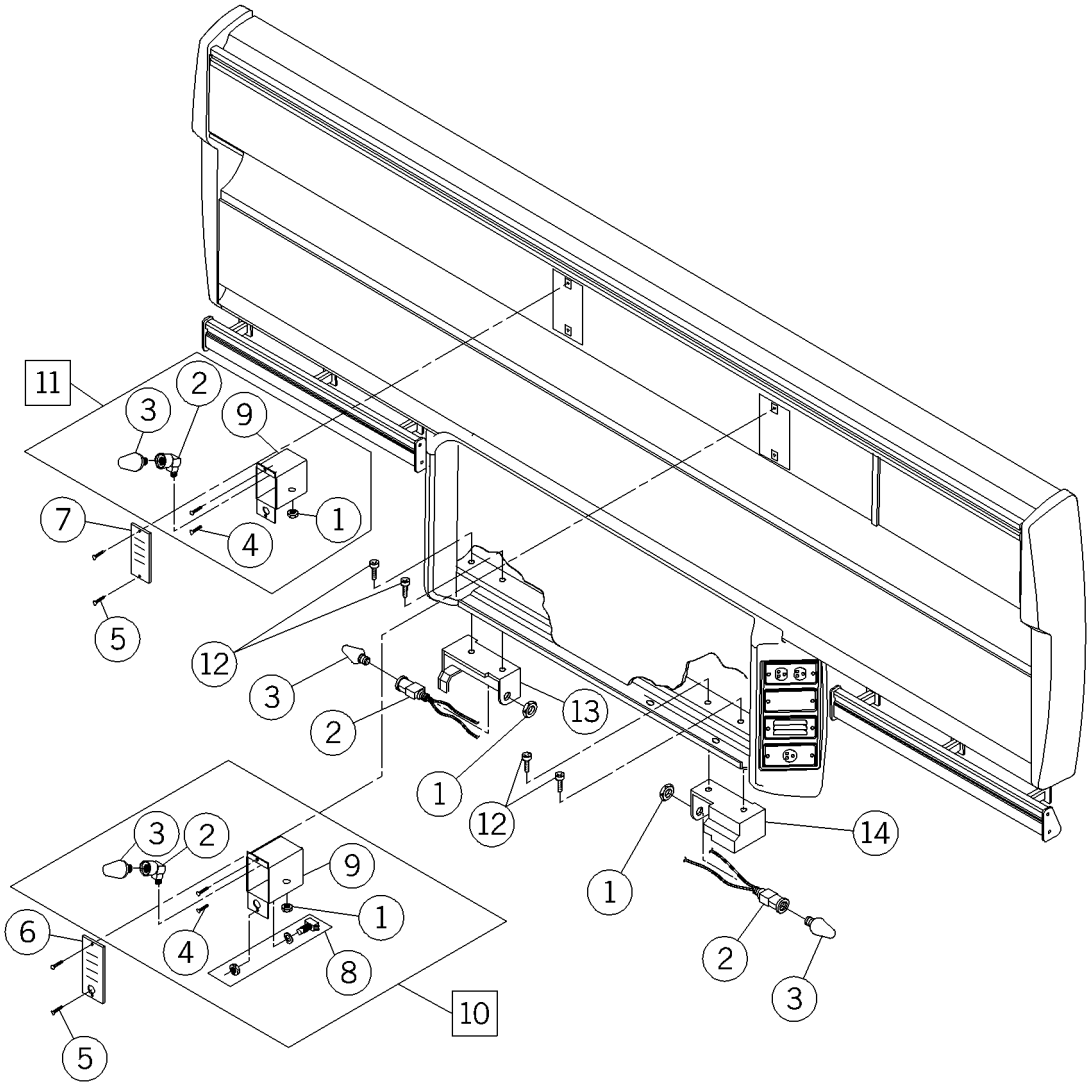
m142_036

Table 5-44. Ground Receptacles

Item Number	Part Number	Quantity	Description
1	16115 (2002)	As required	Screw
2	17111 (2002)	1	Ground receptacle, Hampden
3	56694 (2002)	1	Ground receptacle, non-locking
4	56827 (2002)	1	Spacer, ground receptacle
5	56825 (2002)	1	Lockwasher
6	50798 (2002)	1	Screw
7	56906 (2002)	1	Tie bar dual ground (1) gang
8	52230 (2002)	1	Faceplate—ground, receptacle—almond
9	56903 (2002)	1	Faceplate dual ground

Night and Chart Light

Figure 5-40. Night and Chart Light



m142a037

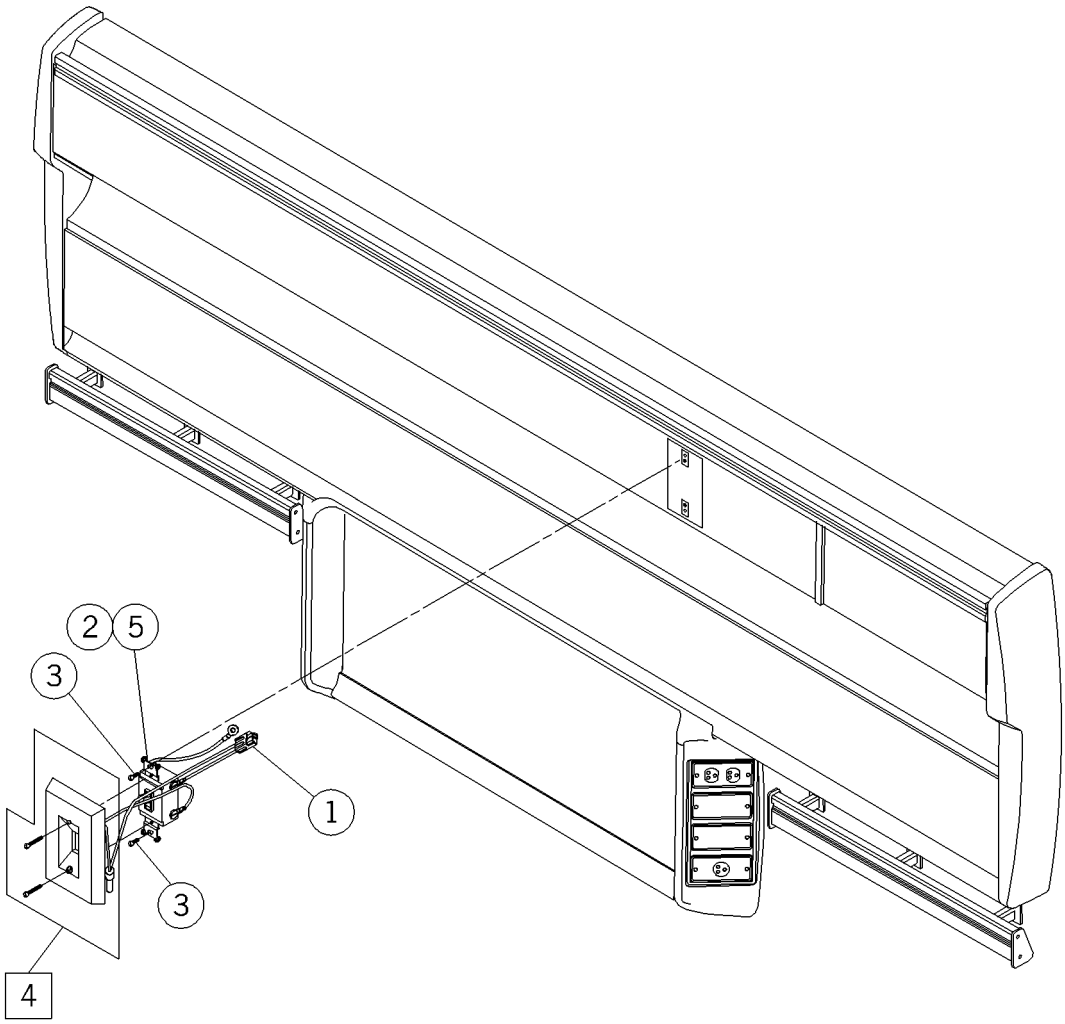
Table 5-45. Night and Chart Light

Item Number	Part Number	Quantity	Description
1	983 (2002)	1	Locknut
2	12379 (2002)	1	Night light socket
3	15418 (2002)	1	Night light bulb
4	16115 (2002)	2	Screw
5	50590 (2002)	2	Screw
6	53744 (2002)§§§	1	Faceplate
7	57628 (2002)§§§	1	Faceplate louver
8	56500 (2002)	1	Switch, push button
9	56844 (2002)	1	Reflector housing
10	55345 (2002)	1	Chart light assembly
11	55344 (2002)	1	Night light assembly
12	393 (2002)	2	Screw
13	5936801 (2002)	1	Night light housing, lh
14	5936802 (2002)	1	Night light housing, rh

§§§ Specify paint color.

Timed Light Switch

Figure 5-41. Timed Light Switch



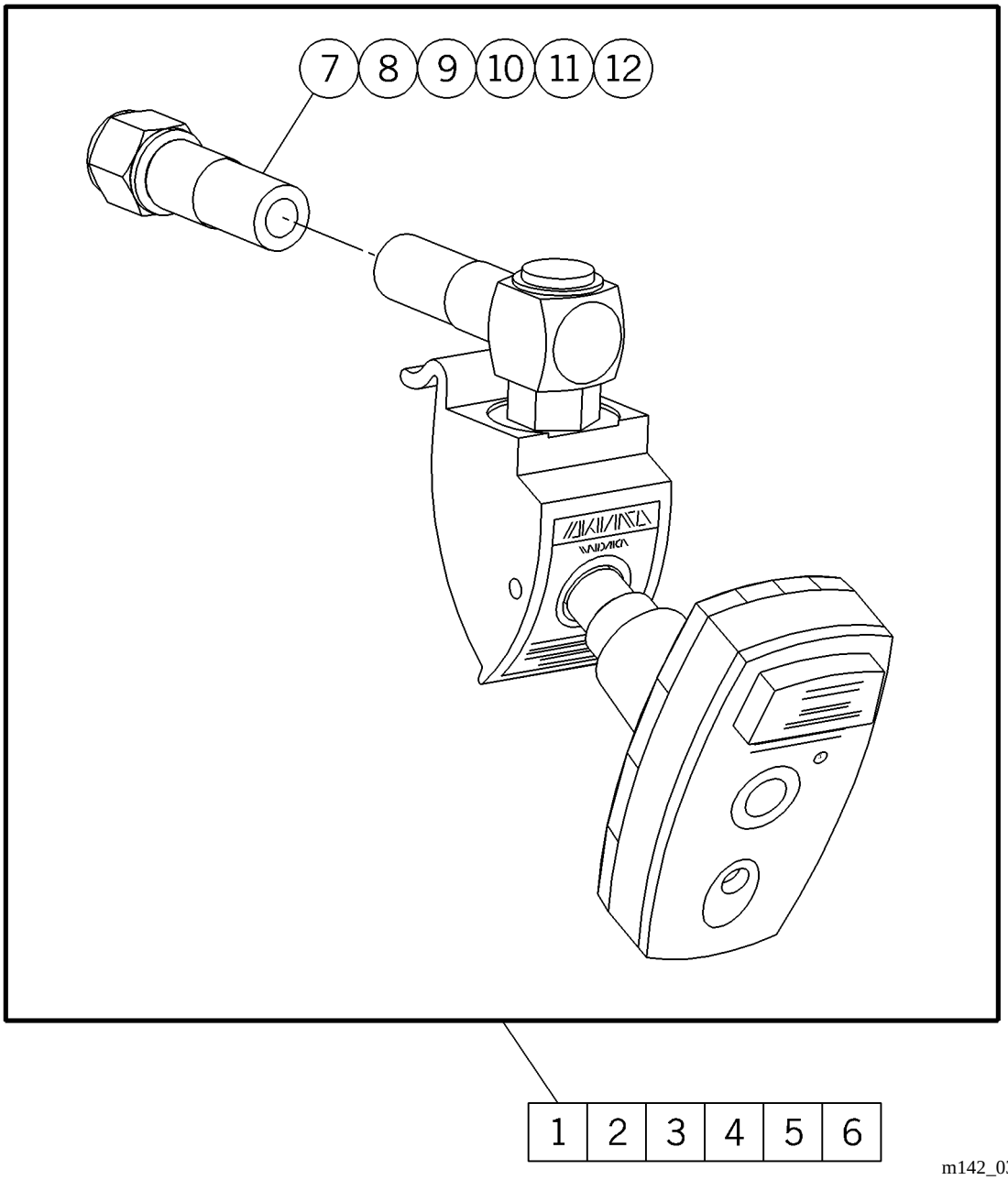
m142_038

Table 5-46. Timed Light Switch

Item Number	Part Number	Quantity	Description
1	51517-01 (2002)	1	Housing—contact
2	55536PL (2002)	1	Wall box assembly
3	16115 (2002)	2	Screw
4	53888-02 (2002)	1	Timer assembly, engraved vertical
5	54675 (2002)	1	Switch, 3-way, toggle 20 amp red

Chemetron®[1] Gas Outlets—P2002

Figure 5-42. Chemetron® Gas Outlets—P2002



1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

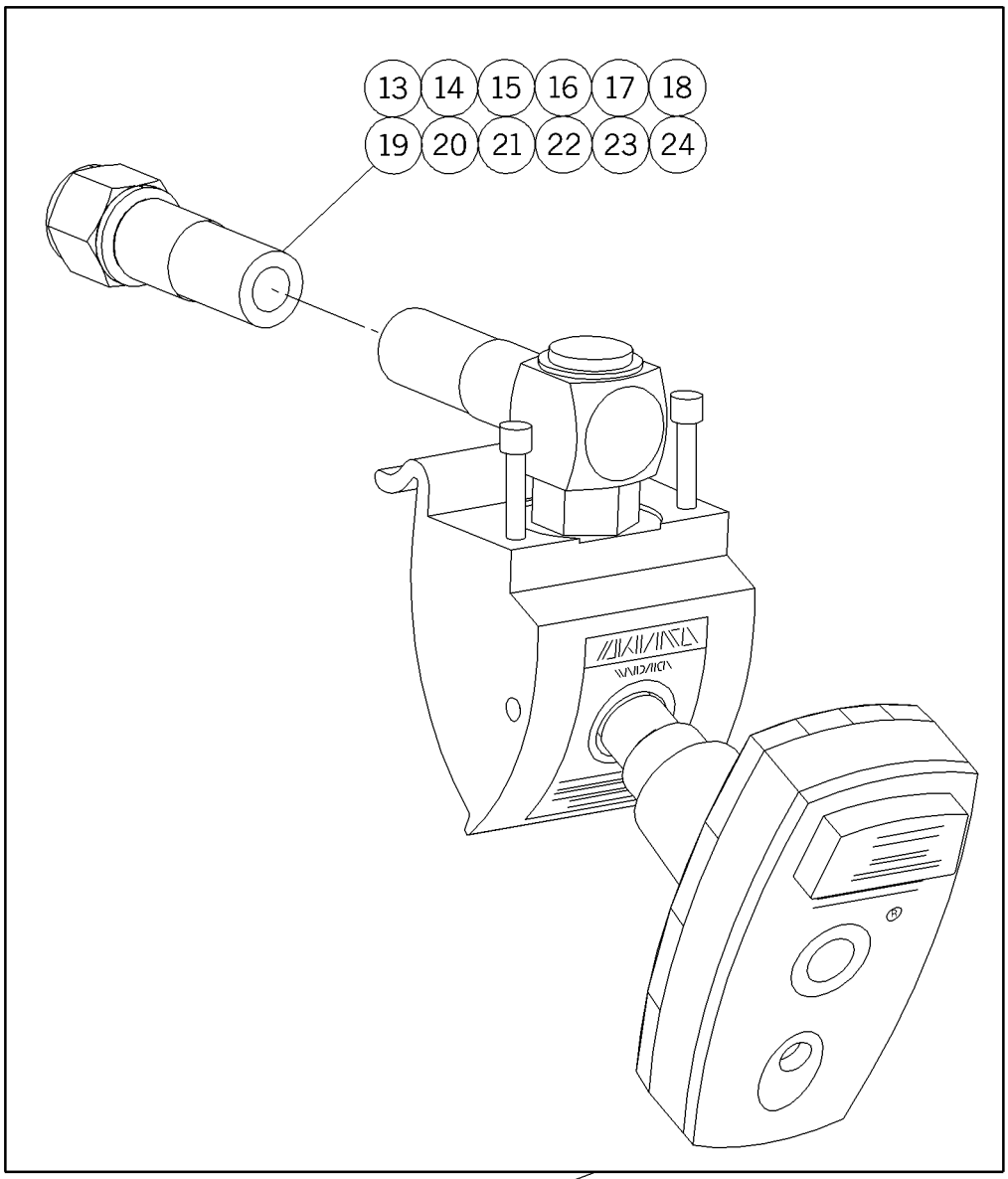
Table 5-47. Chemetron®[1] Gas Outlets—P2002

Item Number	Part Number	Quantity	Description
1	M2010-CO (2002)	1	Gas valve assembly—oxygen, US
2	M2010-CA (2002)	1	Gas valve assembly—air, US
3	M2010-CV (2002)	1	Gas valve assembly—vacuum, US
4	P2010COC (2002)	1	Gas valve assembly—oxygen, Canada
5	P2010CAC (2002)	1	Gas valve assembly—air, Canada
6	P2010CVC (2002)	1	Gas valve assembly—vacuum, Canada
7	5890502 (2002)	1	Hose assembly, oxygen, US
8	5890501 (2002)	1	Hose assembly, air, US
9	5890503 (2002)	1	Hose assembly, vacuum, US
10	5890505 (2002)	1	Hose assembly, oxygen, Canada
11	5890504 (2002)	1	Hose assembly, air, Canada
12	5890506 (2002)	1	Hose assembly, vacuum, Canada

1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Chemetron®[1] Gas Outlets (P/N M2010AC) P2002A

Figure 5-43. Chemetron® Gas Outlets (P/N M2010AC) P2002A



1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Table 5-48. Chemetron® Gas Outlets (P/N M2010AC) P2002A

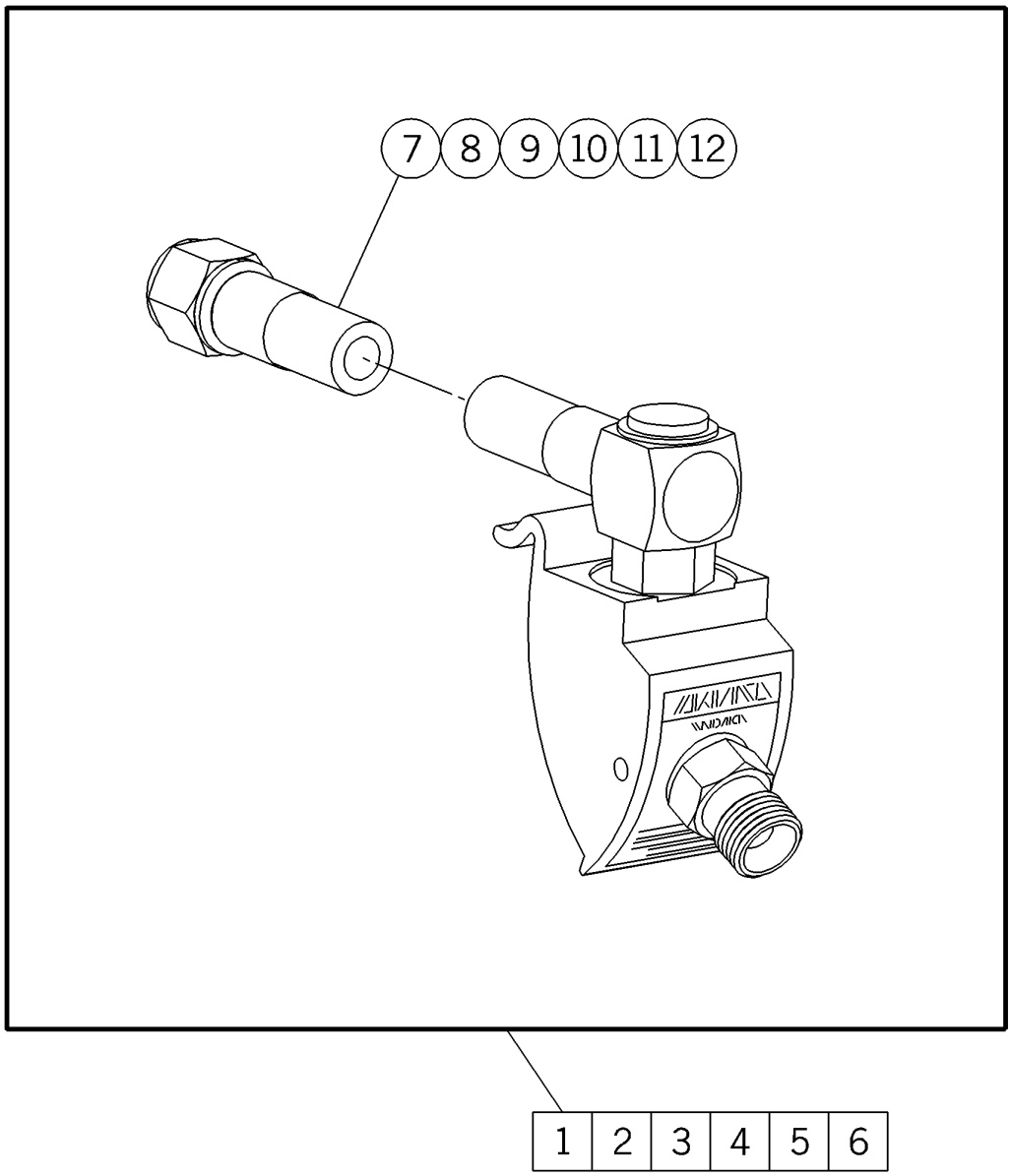
Item Number	Part Number	Quantity	Description
1	20357645O (2002)	1	Gas valve assembly—oxygen, US
2	20357645A (2002)	1	Gas valve assembly—air, US
3	20357645V (2002)	1	Gas valve assembly—vacuum, US
4	20357645OC (2002)	1	Gas valve assembly—oxygen, Canada
5	20357645AC (2002)	1	Gas valve assembly—air, Canada
6	20357645VC (2002)	1	Gas valve assembly—vacuum, Canada
7	20357657O (2002)	1	Gas valve assembly—oxygen, US
8	20357657A (2002)	1	Gas valve assembly—air, US
9	20357657V (2002)	1	Gas valve assembly—vacuum, US
10	20357657OC (2002)	1	Gas valve assembly—oxygen, Canada
11	20357657AC (2002)	1	Gas valve assembly—air, Canada
12	20357657VC (2002)	1	Gas valve assembly—vacuum, Canada
13	20344901 (2002)	1	Hose assembly, oxygen, US
14	20345001 (2002)	1	Hose assembly, air, US
15	20345101 (2002)	1	Hose assembly, vacuum, US
16	20344902 (2002)	1	Hose assembly, oxygen, Canada
17	20345002 (2002)	1	Hose assembly, air, Canada

Item Number	Part Number	Quantity	Description
18	20345102 (2002)	1	Hose assembly, vacuum, Canada
19	20344903 (2002)	1	Hose assembly, oxygen, US
20	20345003 (2002)	1	Hose assembly, air, US
21	20345103 (2002)	1	Hose assembly, vacuum, US
22	20344904 (2002)	1	Hose assembly, oxygen, Canada
23	20345004 (2002)	1	Hose assembly, air, Canada
24	20345104 (2002)	1	Hose assembly, vacuum, Canada

NOTES:

Gas Outlets, DISS—P2002

Figure 5-44. Gas Outlets, DISS—P2002



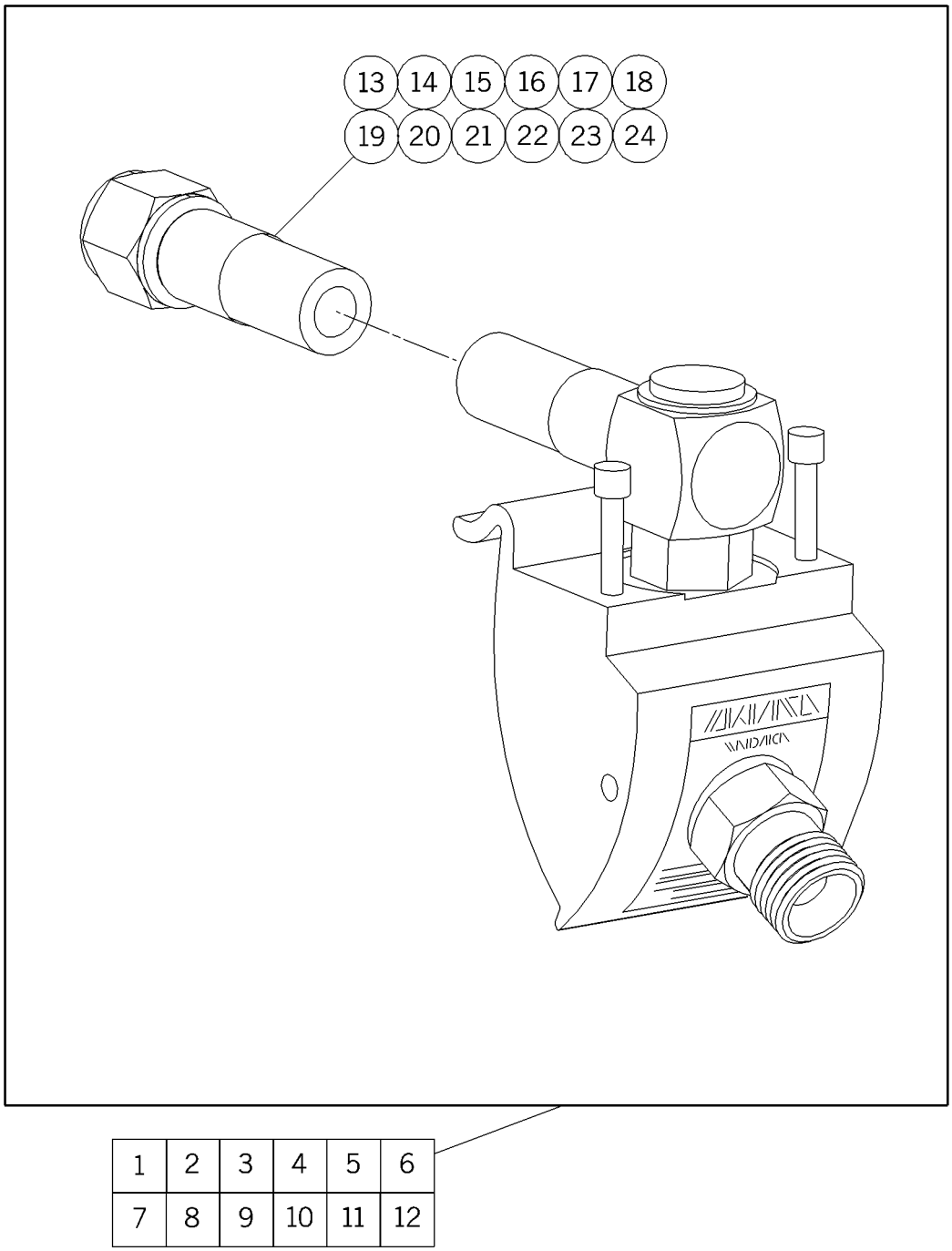
m142_040

Table 5-49. Gas Outlets, DISS—P2002

Item Number	Part Number	Quantity	Description
1	M2010-DO (2002)	1	Gas valve assembly—oxygen, US
2	M2010-DA (2002)	1	Gas valve assembly—air, US
3	M2010-DV (2002)	1	Gas valve assembly—vacuum, US
4	P2010DOC (2002)	1	Gas valve assembly—oxygen, Canada
5	P2010DAC (2002)	1	Gas valve assembly—air, Canada
6	P2010DVC (2002)	1	Gas valve assembly—vacuum, Canada
7	5890502 (2002)	1	Hose assembly, oxygen, US
8	5890501 (2002)	1	Hose assembly, air, US
9	5890503 (2002)	1	Hose assembly, vacuum, US
10	5890505 (2002)	1	Hose assembly, oxygen, Canada
11	5890504 (2002)	1	Hose assembly, air, Canada
12	5890506 (2002)	1	Hose assembly, vacuum, Canada

Gas Outlets, DISS (P/N M2010AD) P2002A

Figure 5-45. Gas Outlets, DISS (P/N M2010AD) P2002A



m142a099

Table 5-50. Gas Outlets, DISS (P/N M2010AD) P2002A

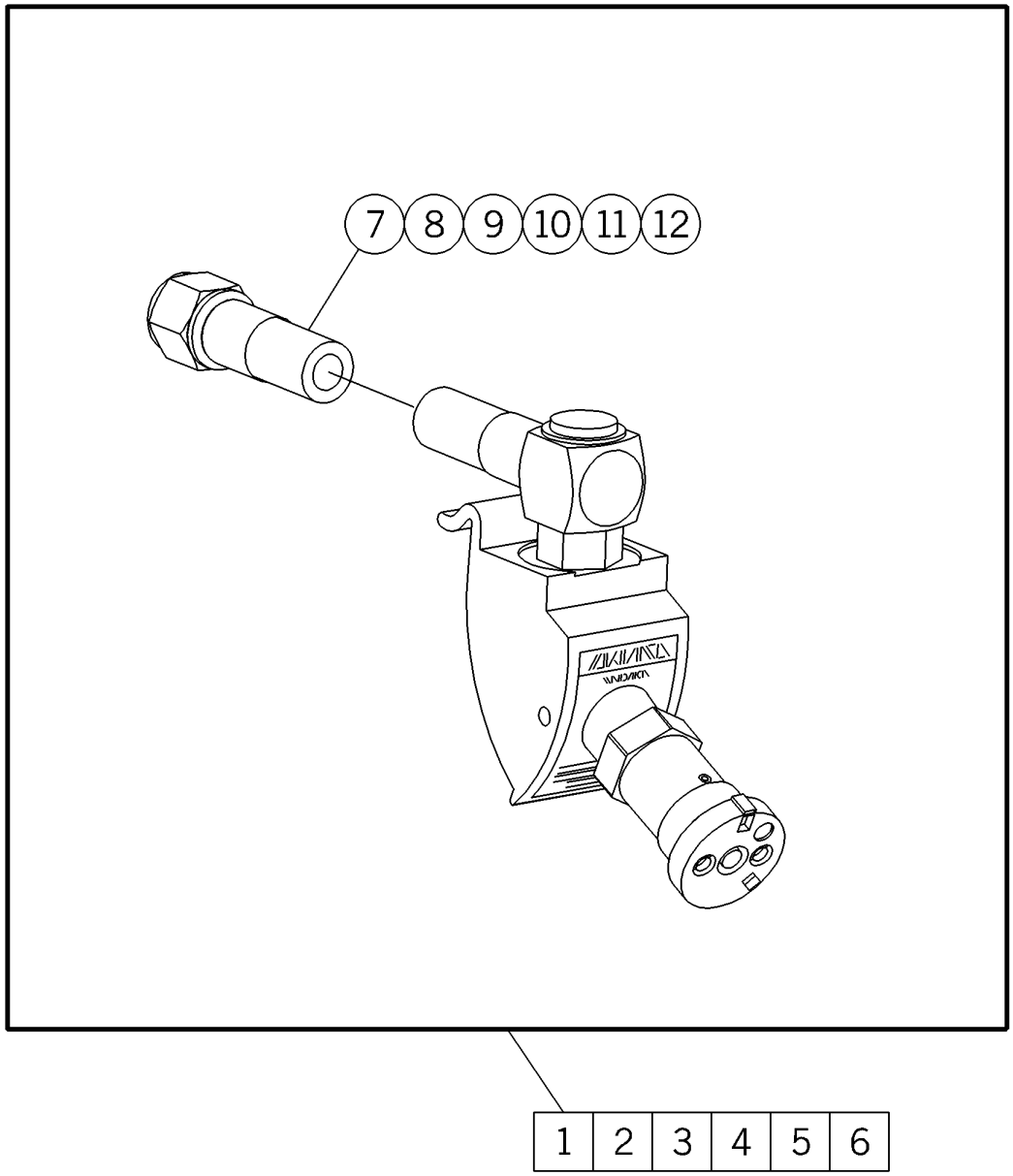
Item Number	Part Number	Quantity	Description
1	20357745O (2002)	1	Gas valve assembly—oxygen, US
2	20357745A (2002)	1	Gas valve assembly—air, US
3	20357745V (2002)	1	Gas valve assembly—vacuum, US
4	20357745OC (2002)	1	Gas valve assembly—oxygen, Canada
5	20357745AC (2002)	1	Gas valve assembly—air, Canada
6	20357745VC (2002)	1	Gas valve assembly—vacuum, Canada
7	20357757O (2002)	1	Gas valve assembly—oxygen, US
8	20357757A (2002)	1	Gas valve assembly—air, US
9	20357757V (2002)	1	Gas valve assembly—vacuum, US
10	20357757OC (2002)	1	Gas valve assembly—oxygen, Canada
11	20357757AC (2002)	1	Gas valve assembly—air, Canada
12	20357757VC (2002)	1	Gas valve assembly—vacuum, Canada
13	20344901 (2002)	1	Hose assembly, oxygen, US
14	20345001 (2002)	1	Hose assembly, air, US
15	20345101 (2002)	1	Hose assembly, vacuum, US
16	20344902 (2002)	1	Hose assembly, oxygen, Canada
17	20345002 (2002)	1	Hose assembly, air, Canada

Item Number	Part Number	Quantity	Description
18	20345102 (2002)	1	Hose assembly, vacuum, Canada
19	20344903 (2002)	1	Hose assembly, oxygen, US
20	20345003 (2002)	1	Hose assembly, air, US
21	20345103 (2002)	1	Hose assembly, vacuum, US
22	20344904 (2002)	1	Hose assembly, oxygen, Canada
23	20345004 (2002)	1	Hose assembly, air, Canada
24	20345104 (2002)	1	Hose assembly, vacuum, Canada

NOTES:

Gas Outlets, Ohio Medical—P2002

Figure 5-46. Gas Outlets, Ohio Medical—P2002



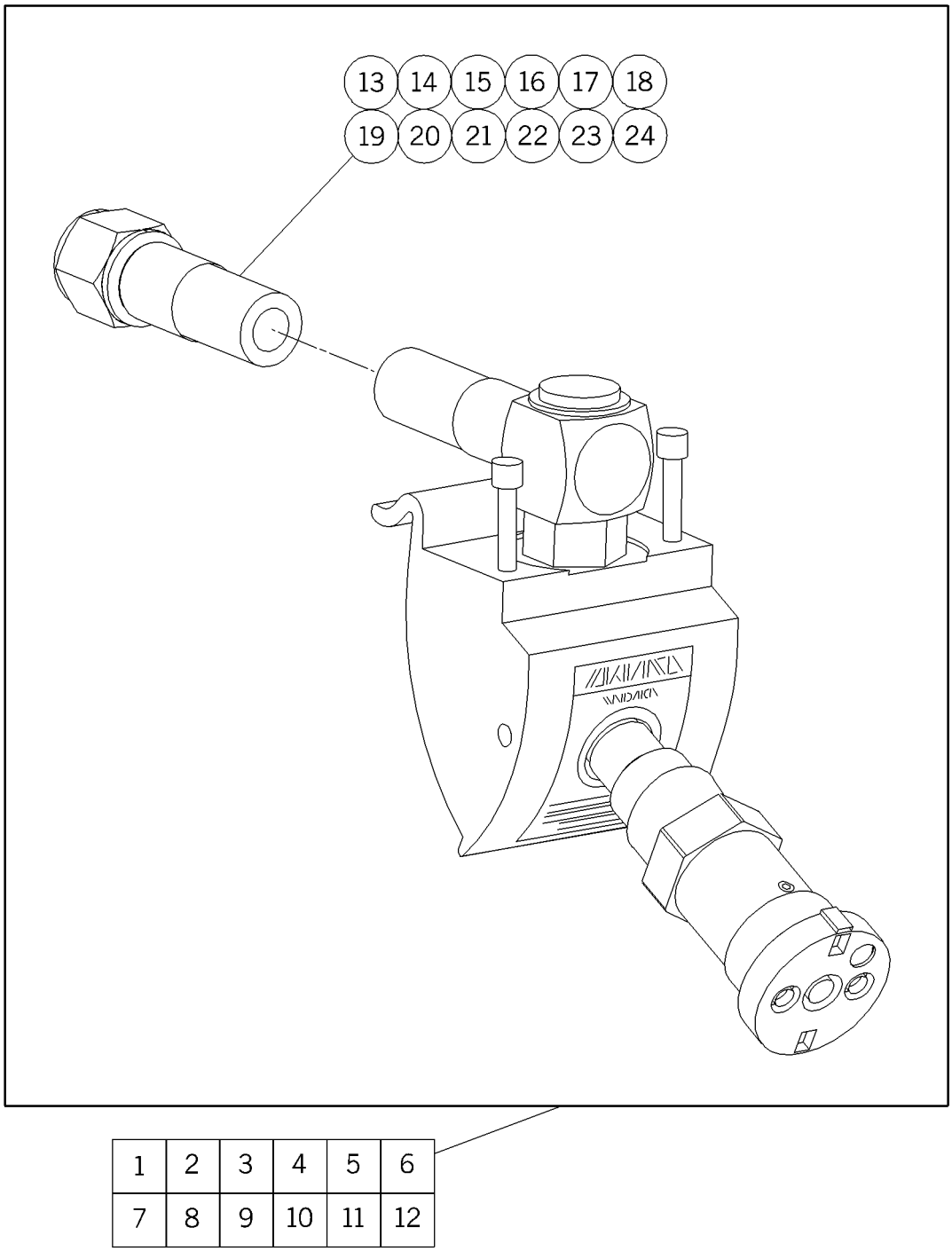
m142_041

Table 5-51. Gas Outlets, Ohio Medical—P2002

Item Number	Part Number	Quantity	Description
1	M2010AOO (2002)	1	Gas valve assembly—oxygen, US
2	M2010AOA (2002)	1	Gas valve assembly—air, US
3	M2010AOV (2002)	1	Gas valve assembly—vacuum, US
4	M2010AOOC (2002)	1	Gas valve assembly—oxygen, Canada
5	M2010AOAC (2002)	1	Gas valve assembly—air, Canada
6	M2010AOVC (2002)	1	Gas valve assembly—vacuum, Canada
7	5890502 (2002)	1	Hose assembly, oxygen, US
8	5890501 (2002)	1	Hose assembly, air, US
9	5890503 (2002)	1	Hose assembly, vacuum, US
10	5890505 (2002)	1	Hose assembly, oxygen, Canada
11	5890504 (2002)	1	Hose assembly, air, Canada
12	5890506 (2002)	1	Hose assembly, vacuum, Canada

Gas Outlets, Ohio Medical (P/N M2010AO) P2002A

Figure 5-47. Gas Outlets, Ohio Medical (P/N M2010AO) P2002A



m142a100

Table 5-52. Gas Outlets, Ohio Medical (P/N M2010AO) P2002A

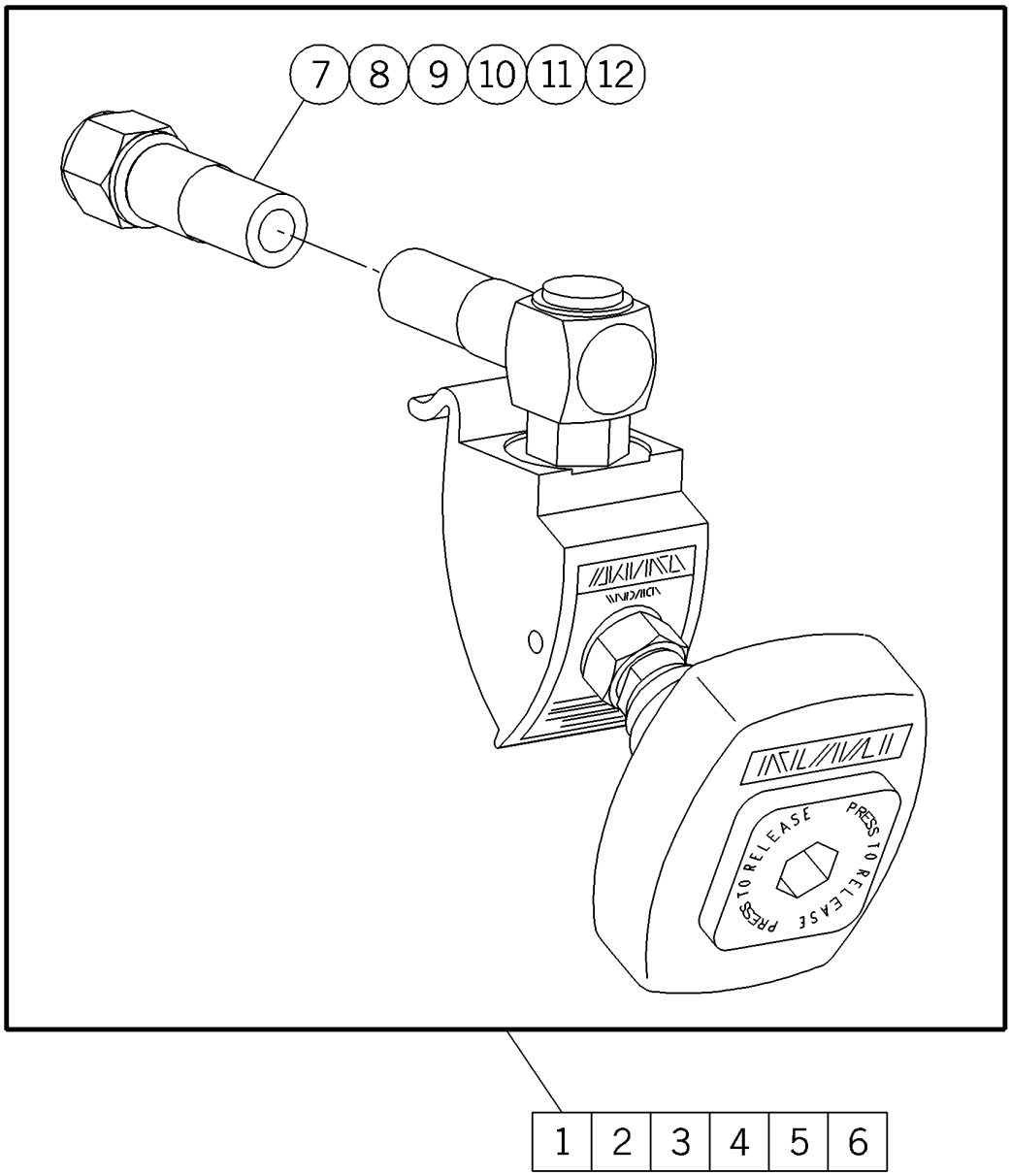
Item Number	Part Number	Quantity	Description
1	20357845O (2002)	1	Gas valve assembly—oxygen, US
2	20357845A (2002)	1	Gas valve assembly—air, US
3	20357845V (2002)	1	Gas valve assembly—vacuum, US
4	20357845OC (2002)	1	Gas valve assembly—oxygen, Canada
5	20357845AC (2002)	1	Gas valve assembly—air, Canada
6	20357845VC (2002)	1	Gas valve assembly—vacuum, Canada
7	20357857O (2002)	1	Gas valve assembly—oxygen, US
8	20357857A (2002)	1	Gas valve assembly—air, US
9	20357857V (2002)	1	Gas valve assembly—vacuum, US
10	20357857OC (2002)	1	Gas valve assembly—oxygen, Canada
11	20357857AC (2002)	1	Gas valve assembly—air, Canada
12	20357857VC (2002)	1	Gas valve assembly—vacuum, Canada
13	20344901 (2002)	1	Hose assembly, oxygen, US
14	20345001 (2002)	1	Hose assembly, air, US
15	20345101 (2002)	1	Hose assembly, vacuum, US
16	20344902 (2002)	1	Hose assembly, oxygen, Canada
17	20345002 (2002)	1	Hose assembly, air, Canada

Item Number	Part Number	Quantity	Description
18	20345102 (2002)	1	Hose assembly, vacuum, Canada
19	20344903 (2002)	1	Hose assembly, oxygen, US
20	20345003 (2002)	1	Hose assembly, air, US
21	20345103 (2002)	1	Hose assembly, vacuum, US
22	20344904 (2002)	1	Hose assembly, oxygen, Canada
23	20345004 (2002)	1	Hose assembly, air, Canada
24	20345104 (2002)	1	Hose assembly, vacuum, Canada

NOTES:

Puritan-Bennett®[1] Gas Outlets—P2002

Figure 5-48. Puritan-Bennett® Gas Outlets—P2002



m142_042

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

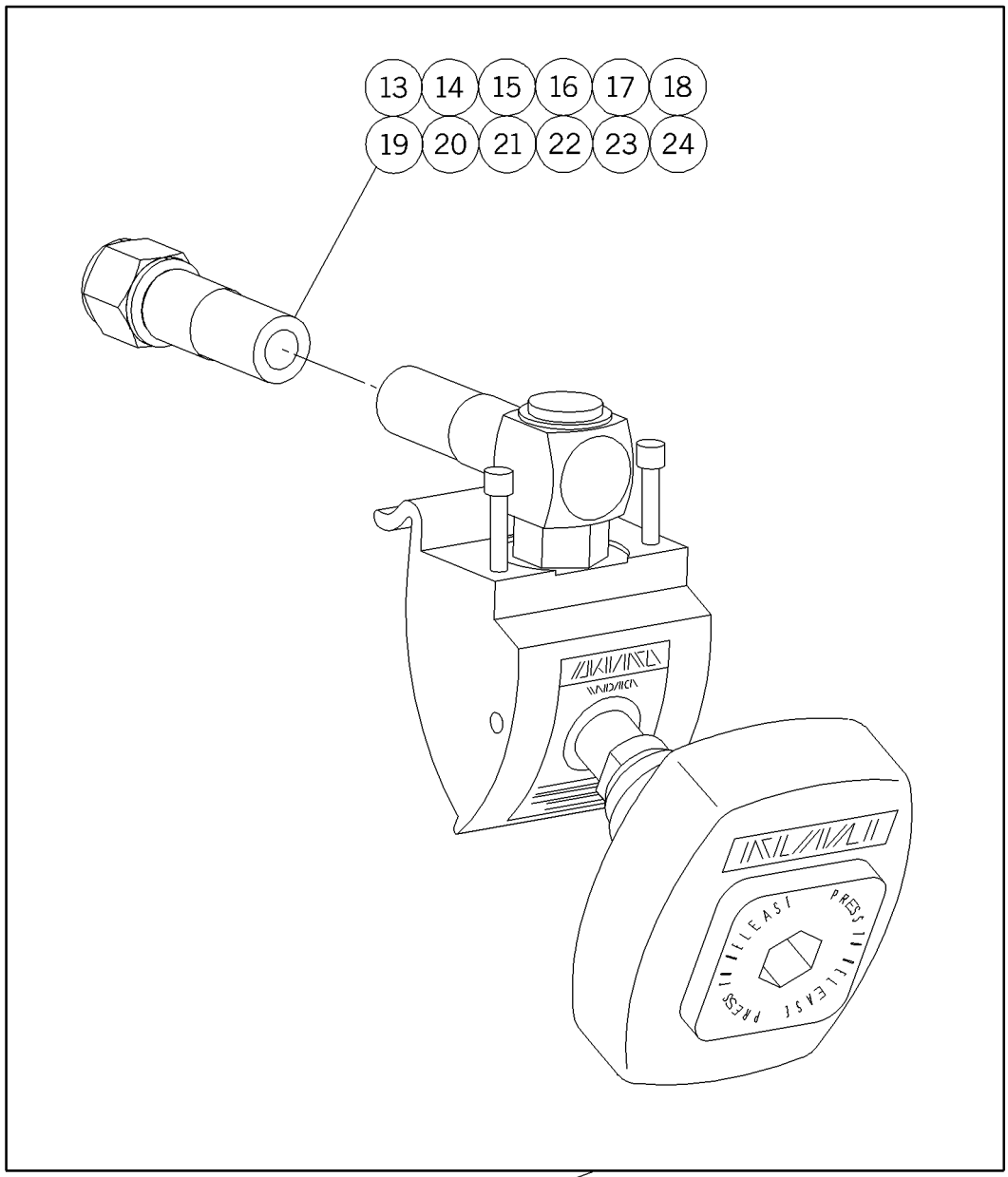
Table 5-53. Puritan-Bennett®[1] Gas Outlets—P2002

Item Number	Part Number	Quantity	Description
1	P2010PO (2002)	1	Gas valve assembly—oxygen, US
2	P2010PA (2002)	1	Gas valve assembly—air, US
3	P2010PV (2002)	1	Gas valve assembly—vacuum, US
4	P2010POC (2002)	1	Gas valve assembly—oxygen, Canada
5	P2010PAC (2002)	1	Gas valve assembly—air, Canada
6	P2010PVC (2002)	1	Gas valve assembly—vacuum, Canada
7	5890502 (2002)	1	Hose assembly, oxygen, US
8	5890501 (2002)	1	Hose assembly, air, US
9	5890503 (2002)	1	Hose assembly, vacuum, US
10	5890505 (2002)	1	Hose assembly, oxygen, Canada
11	5890504 (2002)	1	Hose assembly, air, Canada
12	5890506 (2002)	1	Hose assembly, vacuum, Canada

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Puritan-Bennett®[1] Gas Outlets (P/N M2010AP) P2002A

Figure 5-49. Puritan-Bennett® Gas Outlets (P/N M2010AP) P2002A



1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Table 5-54. Puritan-Bennett® Gas Outlets (P/N M2010AP) P2002A

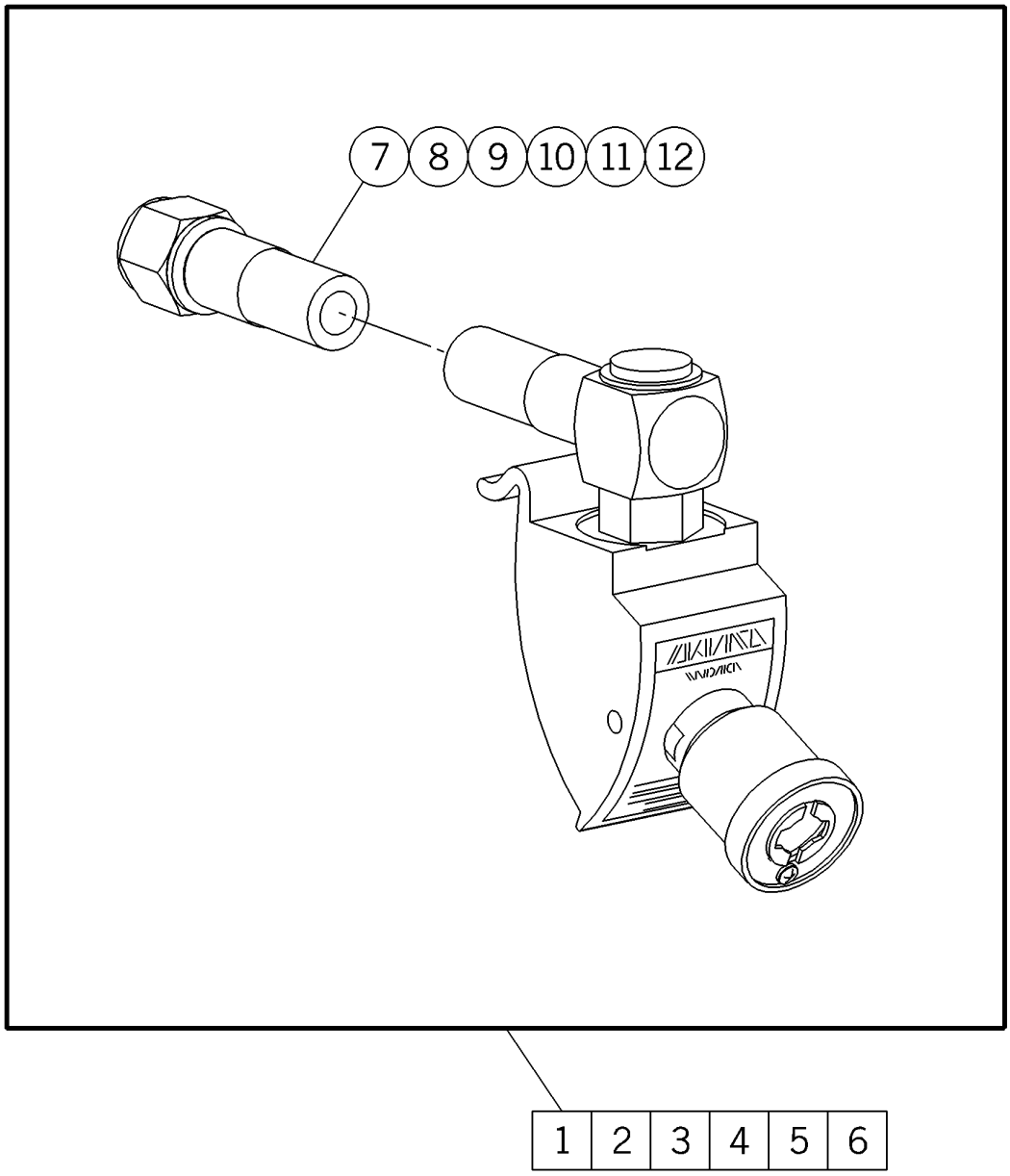
Item Number	Part Number	Quantity	Description
1	20357945O (2002)	1	Gas valve assembly—oxygen, US
2	20357945A (2002)	1	Gas valve assembly—air, US
3	20357945V (2002)	1	Gas valve assembly—vacuum, US
4	20357945OC (2002)	1	Gas valve assembly—oxygen, Canada
5	20357945AC (2002)	1	Gas valve assembly—air, Canada
6	20357945VC (2002)	1	Gas valve assembly—vacuum, Canada
7	20357957O (2002)	1	Gas valve assembly—oxygen, US
8	20357957A (2002)	1	Gas valve assembly—air, US
9	20357957V (2002)	1	Gas valve assembly—vacuum, US
10	20357957OC (2002)	1	Gas valve assembly—oxygen, Canada
11	20357957AC (2002)	1	Gas valve assembly—air, Canada
12	20357957VC (2002)	1	Gas valve assembly—vacuum, Canada
13	20344901 (2002)	1	Hose assembly, oxygen, US
14	20345001 (2002)	1	Hose assembly, air, US
15	20345101 (2002)	1	Hose assembly, vacuum, US
16	20344902 (2002)	1	Hose assembly, oxygen, Canada

Item Number	Part Number	Quantity	Description
17	20345002 (2002)	1	Hose assembly, air, Canada
18	20345102 (2002)	1	Hose assembly, vacuum, Canada
19	20344903 (2002)	1	Hose assembly, oxygen, US
20	20345003 (2002)	1	Hose assembly, air, US
21	20345103 (2002)	1	Hose assembly, vacuum, US
22	20344904 (2002)	1	Hose assembly, oxygen, Canada
23	20345004 (2002)	1	Hose assembly, air, Canada
24	20345104 (2002)	1	Hose assembly, vacuum, Canada

NOTES:

Oxequip®[1] and Canada Liquid Air Gas Outlets—P2002

Figure 5-50. Oxequip® and Canada Liquid Air Gas Outlets—P2002



1. Oxequip® is a registered trademark of Allied Healthcare Products, Inc.

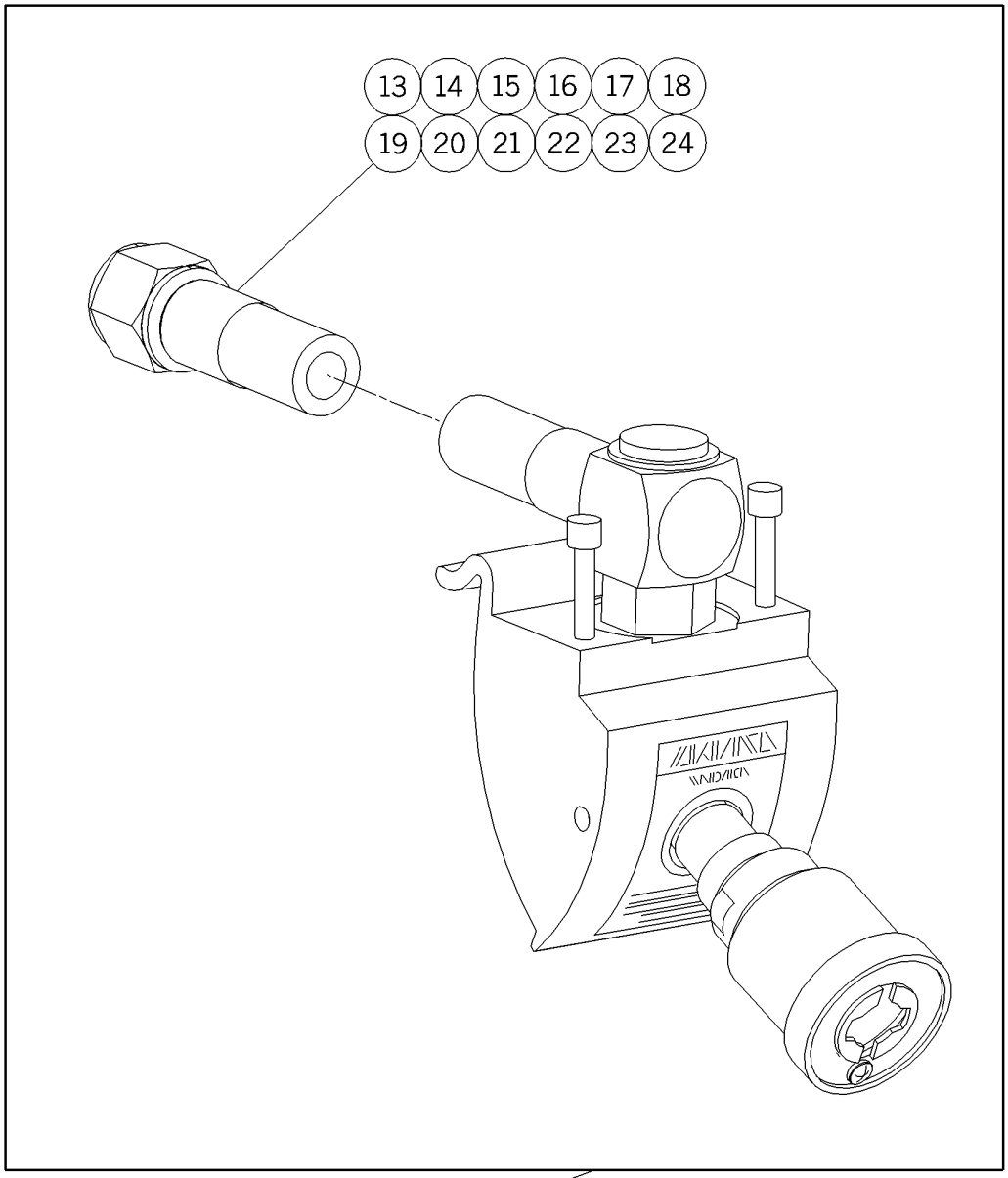
Table 5-55. Oxequip®[1] and Canada Liquid Air Gas Outlets—P2002

Item Number	Part Number	Quantity	Description
1	P2010-XO (2002)	1	Gas valve assembly—oxygen, US
2	P2010-XA (2002)	1	Gas valve assembly—air, US
3	P2010-XV (2002)	1	Gas valve assembly—vacuum, US
4	P2010-XOC (2002)	1	Gas valve assembly—oxygen, Canada
5	P2010-XAC (2002)	1	Gas valve assembly—air, Canada
6	P2010-XVC (2002)	1	Gas valve assembly—vacuum, Canada
7	5890502 (2002)	1	Hose assembly, oxygen, US
8	5890501 (2002)	1	Hose assembly, air, US
9	5890503 (2002)	1	Hose assembly, vacuum, US
10	5890505 (2002)	1	Hose assembly, oxygen, Canada
11	5890504 (2002)	1	Hose assembly, air, Canada
12	5890506 (2002)	1	Hose assembly, vacuum, Canada

1. Oxequip® is a registered trademark of Allied Healthcare Products, Inc.

Oxequip®[1] and Canada Liquid Air Gas Outlets (P/N M2010AX) P2002A

Figure 5-51. Oxequip® and Canada Liquid Air Gas Outlets (P/N M2010AX) P2002A



1. Oxequip® is a registered trademark of Allied Healthcare Products, Inc.

Table 5-56. Oxequip®[1] and Canada Liquid Air Gas Outlets (P/N M2010AX) P2002A

Item Number	Part Number	Quantity	Description
1	20358045O (2002)	1	Gas valve assembly—oxygen, US
2	20358045A (2002)	1	Gas valve assembly—air, US
3	20358045V (2002)	1	Gas valve assembly—vacuum, US
4	20358045OC (2002)	1	Gas valve assembly—oxygen, Canada
5	20358045AC (2002)	1	Gas valve assembly—air, Canada
6	20358045VC (2002)	1	Gas valve assembly—vacuum, Canada
7	20358057O (2002)	1	Gas valve assembly—oxygen, US
8	20358057A (2002)	1	Gas valve assembly—air, US
9	20358057V (2002)	1	Gas valve assembly—vacuum, US
10	20358057OC (2002)	1	Gas valve assembly—oxygen, Canada
11	20358057AC (2002)	1	Gas valve assembly—air, Canada
12	20358057VC (2002)	1	Gas valve assembly—vacuum, Canada
13	20344901 (2002)	1	Hose assembly, oxygen, US
14	20345001 (2002)	1	Hose assembly, air, US
15	20345101 (2002)	1	Hose assembly, vacuum, US
16	20344902 (2002)	1	Hose assembly, oxygen, Canada

1. Oxequip® is a registered trademark of Allied Healthcare Products, Inc.

Item Number	Part Number	Quantity	Description
17	20345002 (2002)	1	Hose assembly, air, Canada
18	20345102 (2002)	1	Hose assembly, vacuum, Canada
19	20344903 (2002)	1	Hose assembly, oxygen, US
20	20345003 (2002)	1	Hose assembly, air, US
21	20345103 (2002)	1	Hose assembly, vacuum, US
22	20344904 (2002)	1	Hose assembly, oxygen, Canada
23	20345004 (2002)	1	Hose assembly, air, Canada
24	20345104 (2002)	1	Hose assembly, vacuum, Canada

NOTES:

Gas Outlets, DISS (P/N M2010BD) P2002B

Figure 5-52. Gas Outlets, DISS (P/N M2010BD) P2002B

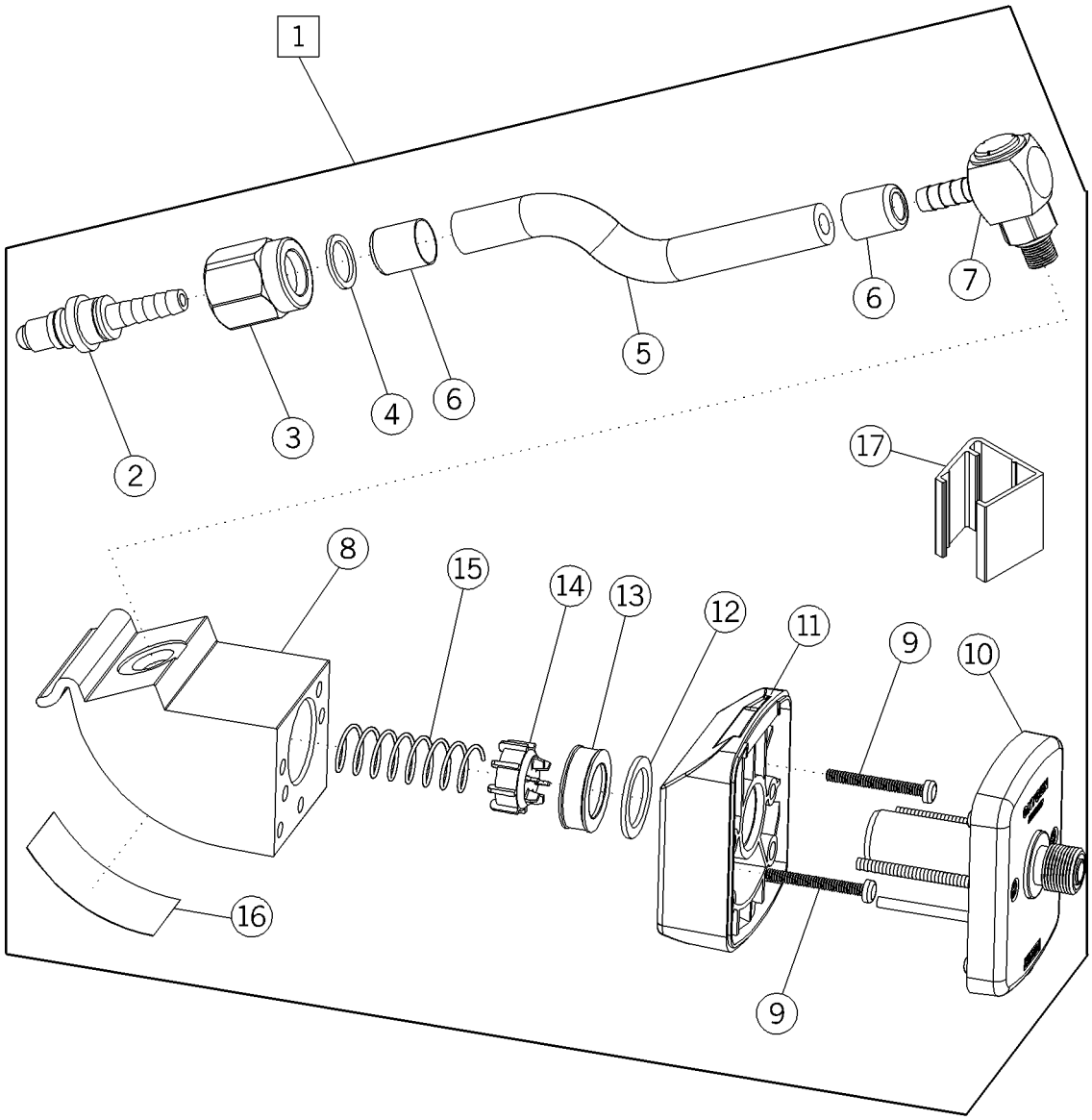


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Table 5-57. Gas Outlets, DISS (P/N M2010BD45O and M2010BD57O) P2002B

Item Number	Part Number	Quantity	Description
1	20472045O (2002) or 20472057O (2002)	1	Gas block assembly, DISS—oxygen, US (with 45" hose assembly) or Gas block assembly, DISS—oxygen, US (with 57" hose assembly)
2	6812-2000-428 (2002)	1	DISS gland
3	0204-6534-300 (2002)	1	DISS nut
4			
5	0995-6442-010 (2002)	1	Hose, green
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-018 (2002)	1	Swivel assembly
8	6803-2000-310 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8110-800 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label

Item Number	Part Number	Quantity	Description
17	6803-2000-320 (2002)	1	Hose clip

Table 5-58. Gas Outlets, DISS (P/N M2010BD45A and M2010BD57A) P2002B

Item Number	Part Number	Quantity	Description
1	20472045A (2002) or 20472057A (2002)	1	Gas block assembly, DISS—air, US (with 45" hose assembly) or Gas block assembly, DISS—air, US (with 57" hose assembly)
2	6812-2000-432 (2002)	1	DISS gland
3	5804-0029-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6426-010 (2002)	1	Hose, yellow
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-017 (2002)	1	Swivel assembly
8	6803-2000-312 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8110-803 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing

Item Number	Part Number	Quantity	Description
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-59. Gas Outlets, DISS (P/N M2010BD45V and M2010BD57V) P2002B

Item Number	Part Number	Quantity	Description
1	20472045V (2002) or 20472057V (2002)	1	Gas block assembly, DISS—vacuum, US (with 45" hose assembly) or Gas block assembly, DISS—vacuum, US (with 57" hose assembly)
2	0204-8002-300 (2002)	1	DISS gland
3	5804-0035-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-119 (2002)	1	Swivel assembly
8	6803-2000-311 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8110-802 (2002)	1	Frontbody assembly

Item Number	Part Number	Quantity	Description
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14			
15			
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-60. Gas Outlets, DISS (P/N M2010BD45OC and M2010BD57OC) P2002B

Item Number	Part Number	Quantity	Description
1	20472045OC (2002) or 20472057OC (2002)	1	Gas block assembly, DISS—oxygen, Canada (with 45" hose assembly) or Gas block assembly, DISS—oxygen, Canada (with 57" hose assembly)
2	6812-2000-428 (2002)	1	DISS gland
3	0204-6534-300 (2002)	1	DISS nut
4			
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-018 (2002)	1	Swivel assembly
8	6803-2000-310 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw

Item Number	Part Number	Quantity	Description
10	6803-8110-808 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-61. Gas Outlets, DISS (P/N M2010BD45AC and M2010BD57AC) P2002B

Item Number	Part Number	Quantity	Description
1	20472045AC (2002) or 20472057AC (2002)	1	Gas block assembly, DISS—air, Canada (with 45" hose assembly) or Gas block assembly, DISS—air, Canada (with 57" hose assembly)
2	6812-2000-432 (2002)	1	DISS gland
3	5804-0029-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule

Item Number	Part Number	Quantity	Description
7	9100-1000-017 (2002)	1	Swivel assembly
8	6803-2000-312 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8110-810 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

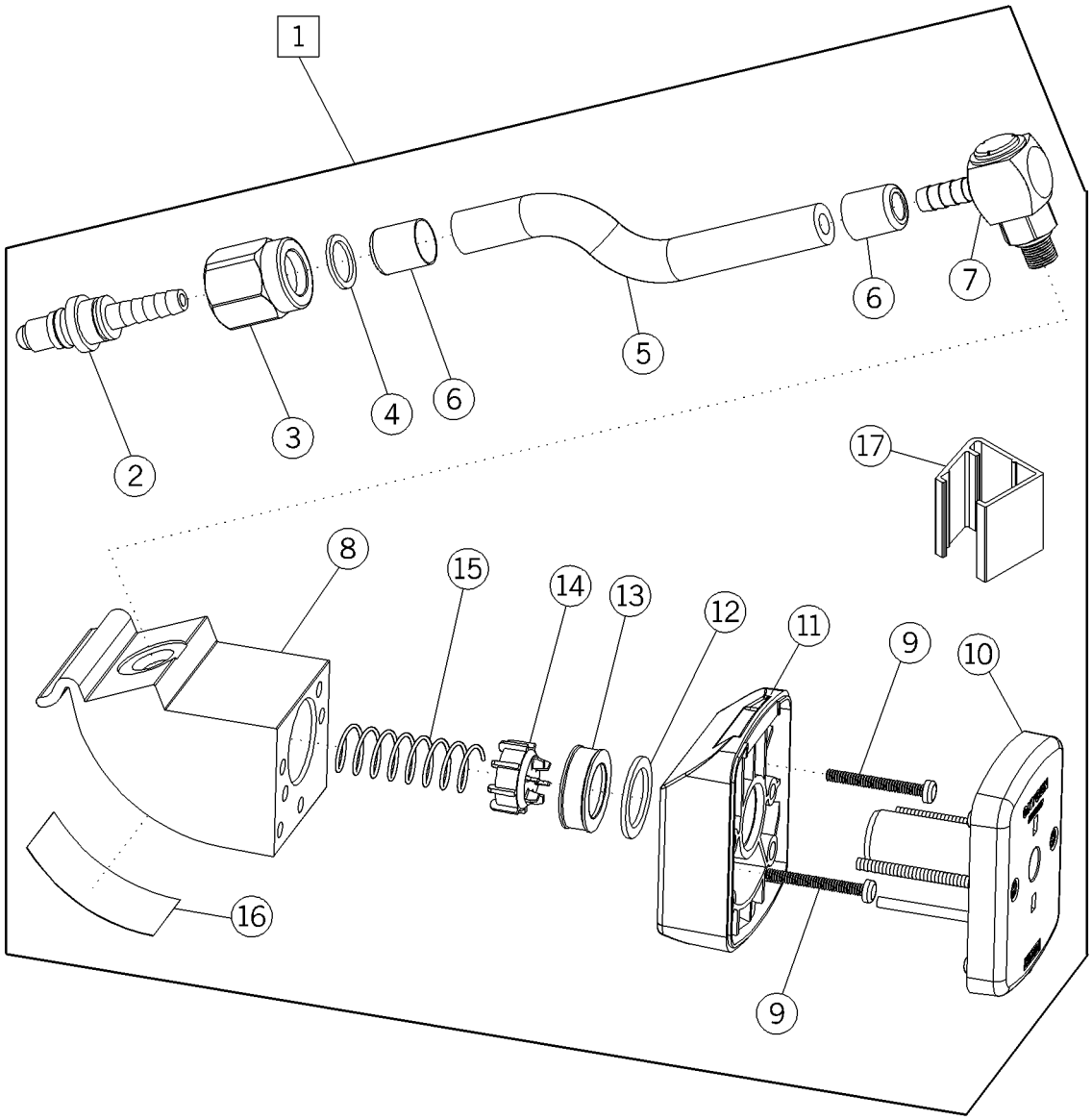
Table 5-62. Gas Outlets, DISS (P/N M2010BD45VC and M2010BD57VC) P2002B

Item Number	Part Number	Quantity	Description
1	20472045VC (2002) or 20472057VC (2002)	1	Gas block assembly, DISS—vacuum, Canada (with 45" hose assembly) or Gas block assembly, DISS—vacuum, Canada (with 57" hose assembly)
2	0204-8002-300 (2002)	1	DISS gland
3	5804-0035-000 (2002)	1	DISS nut

Item Number	Part Number	Quantity	Description
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-119 (2002)	1	Swivel assembly
8	6803-2000-311 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8110-809 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14			
15			
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Gas Outlets, Medaes®[1] (P/N M2010BO) P2002B

Figure 5-53. Gas Outlets, Medaes® (P/N M2010BO) P2002B



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1. Medaes® is a registered trademark of Hill-Rom Medaes, Inc.

Table 5-63. Gas Outlets, Medaes®[1] (P/N M2010BO45O and M2010BO57O) P2002B

Item Number	Part Number	Quantity	Description
1	20471745O (2002) or 20471757O (2002)	1	Gas block assembly, Medaes—oxygen, US (with 45" hose assembly) or Gas block assembly, Medaes—oxygen, US (with 57" hose assembly)
2	6812-2000-428 (2002)	1	DISS gland
3	0204-6534-300 (2002)	1	DISS nut
4			
5	0995-6442-010 (2002)	1	Hose, green
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-018 (2002)	1	Swivel assembly
8	6803-2000-310 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8111-800 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring

1. Medaes® is a registered trademark of Hill-Rom Medaes, Inc.

Item Number	Part Number	Quantity	Description
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-64. Gas Outlets, Medaes®[1] (P/N M2010BO45A and M2010BO57A) P2002B

Item Number	Part Number	Quantity	Description
1	20471745A (2002) or 20471757A (2002)	1	Gas block assembly, Medaes—air, US (with 45" hose assembly) or Gas block assembly, Medaes—air, US (with 57" hose assembly)
2	6812-2000-432 (2002)	1	DISS gland
3	5804-0029-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6426-010 (2002)	1	Hose, yellow
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-017 (2002)	1	Swivel assembly
8	6803-2000-312 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8111-803 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve

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Item Number	Part Number	Quantity	Description
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-65. Gas Outlets, Medaes®[1] (P/N M2010BO45V and M2010BO57V) P2002B

Item Number	Part Number	Quantity	Description
1	20471745V (2002) or 20471757V (2002)	1	Gas block assembly, Medaes—vacuum, US (with 45" hose assembly) or Gas block assembly, Medaes—vacuum, US (with 57" hose assembly)
2	0204-8002-300 (2002)	1	DISS gland
3	5804-0035-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-119 (2002)	1	Swivel assembly

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Item Number	Part Number	Quantity	Description
8	6803-2000-311 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8111-802 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14			
15			
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-66. Gas Outlets, Medaes®[1] (P/N M2010BO45OC and M2010BO57OC) P2002B

Item Number	Part Number	Quantity	Description
1	20471745OC (2002) or 20471757OC (2002)	1	Gas block assembly, Medaes—oxygen, Canada (with 45" hose assembly) or Gas block assembly, Medaes—oxygen, Canada (with 57" hose assembly)
2	6812-2000-428 (2002)	1	DISS gland
3	0204-6534-300 (2002)	1	DISS nut
4			
5	0995-6444-010 (2002)	1	Hose, white

1. Medaes® is a registered trademark of Hill-Rom Medaes, Inc.

Item Number	Part Number	Quantity	Description
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-018 (2002)	1	Swivel assembly
8	6803-2000-310 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8111-808 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-67. Gas Outlets, Medaes®[1] (P/N M2010BO45AC and M2010BO57AC) P2002B

Item Number	Part Number	Quantity	Description
1	20471745AC (2002) or 20471757AC (2002)	1	Gas block assembly, Medaes—air, Canada (with 45" hose assembly) or Gas block assembly, Medaes—air, Canada (with 57" hose assembly)

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Item Number	Part Number	Quantity	Description
2	6812-2000-432 (2002)	1	DISS gland
3	5804-0029-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-017 (2002)	1	Swivel assembly
8	6803-2000-312 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8111-810 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-68. Gas Outlets, Medaes®[1] (P/N M2010BO45VC and M2010BO57VC) P2002B

Item Number	Part Number	Quantity	Description
1	20471745VC (2002) or 20471757VC (2002)	1	Gas block assembly, Medaes—vacuum, Canada (with 45" hose assembly) or Gas block assembly, Medaes—vacuum, Canada (with 57" hose assembly)
2	0204-8002-300 (2002)	1	DISS gland
3	5804-0035-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-119 (2002)	1	Swivel assembly
8	6803-2000-311 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8111-809 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14			
15			
16	6803-2000-321 (2002)	1	UL/CSA label

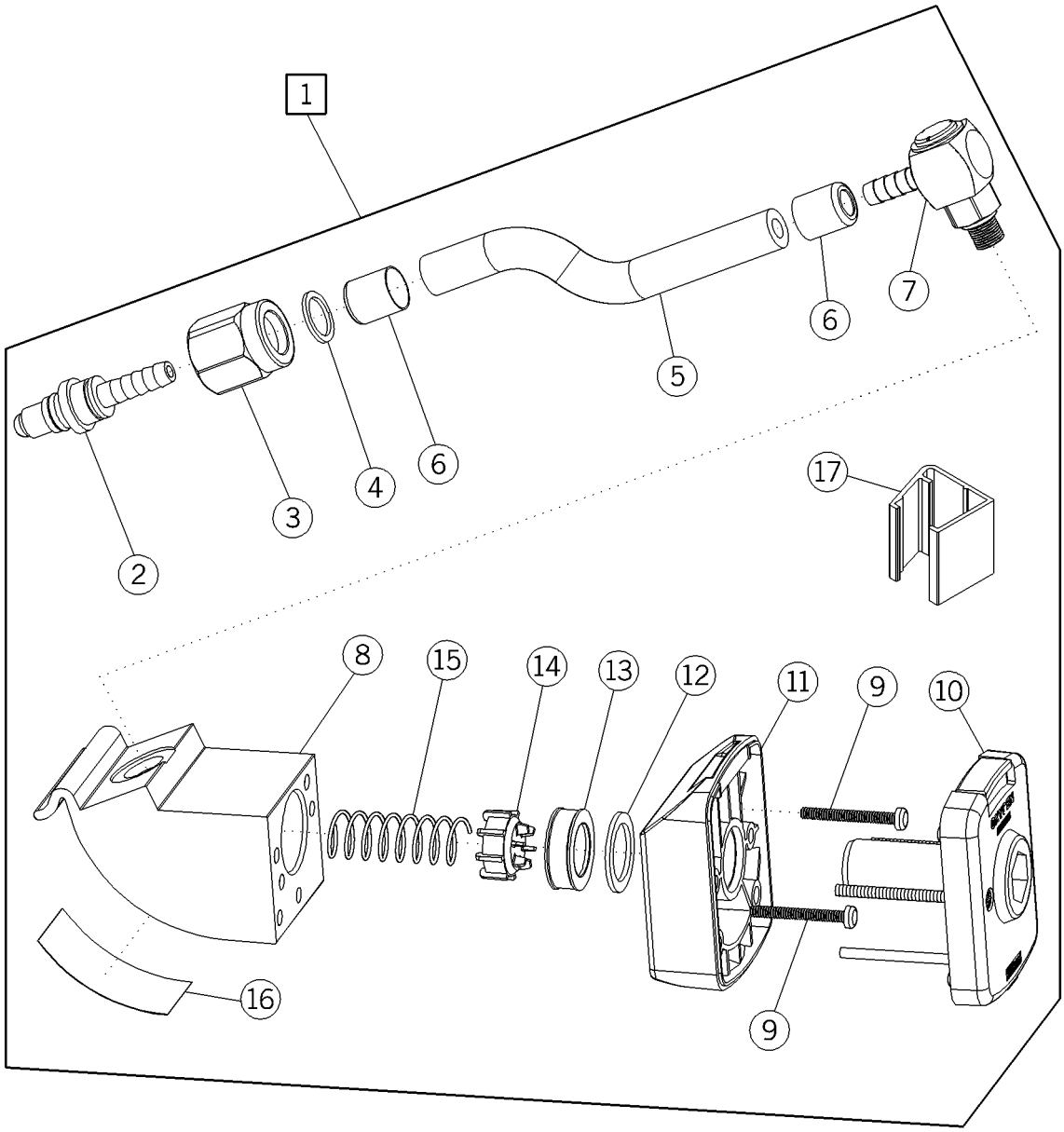
1. Medaes® is a registered trademark of Hill-Rom Medaes, Inc.

Item Number	Part Number	Quantity	Description
17	6803-2000-320 (2002)	1	Hose clip

NOTES:

Puritan-Bennett®[1] Gas Outlets (P/N M2010BP) P2002B

Figure 5-54. Puritan-Bennett® Gas Outlets (P/N M2010BP) P2002B



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1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Table 5-69. Puritan-Bennett®[1] Gas Outlets (P/N M2010BP45O and M2010BP57O) P2002B

Item Number	Part Number	Quantity	Description
1	20471845O (2002) or 20471857O (2002)	1	Gas block assembly, Puritan-Bennett®—oxygen, US (with 45" hose assembly) or Gas block assembly, Puritan-Bennett®—oxygen, US (with 57" hose assembly)
2	6812-2000-428 (2002)	1	DISS gland
3	0204-6534-300 (2002)	1	DISS nut
4			
5	0995-6442-010 (2002)	1	Hose, green
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-018 (2002)	1	Swivel assembly
8	6803-2000-310 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8113-800 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Item Number	Part Number	Quantity	Description
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-70. Puritan-Bennett®[1] Gas Outlets (P/N M2010BP45A and M2010BP57A) P2002B

Item Number	Part Number	Quantity	Description
1	20471845A (2002) or 20471857A (2002)	1	Gas block assembly, Puritan-Bennett®—air, US (with 45" hose assembly) or Gas block assembly, Puritan-Bennett®—air, US (with 57" hose assembly)
2	6812-2000-300 (2002)	1	DISS gland
3	5804-0029-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6426-010 (2002)	1	Hose, yellow
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-017 (2002)	1	Swivel assembly
8	6803-2000-312 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8112-803 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Item Number	Part Number	Quantity	Description
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-71. Puritan-Bennett®[1] Gas Outlets (P/N M2010BP45V and M2010BP57V) P2002B

Item Number	Part Number	Quantity	Description
1	20471845V (2002) or 20471857V (2002)	1	Gas block assembly, Puritan-Bennett®—vacuum, US (with 45" hose assembly) or Gas block assembly, Puritan-Bennett®—vacuum, US (with 57" hose assembly)
2	0204-8002-300 (2002)	1	DISS gland
3	5804-0035-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-119 (2002)	1	Swivel assembly

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Item Number	Part Number	Quantity	Description
8	6803-2000-311 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8112-802 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14			
15			
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-72. Puritan-Bennett®[1] Gas Outlets (P/N M2010BP45OC and M2010BP57OC) P2002B

Item Number	Part Number	Quantity	Description
1	20471845OC (2002) or 20471857OC (2002)	1	Gas block assembly, Puritan-Bennett®—oxygen, Canada (with 45" hose assembly) or Gas block assembly, Puritan-Bennett®—oxygen, Canada (with 57" hose assembly)
2	6812-2000-428 (2002)	1	DISS gland
3	0204-6534-300 (2002)	1	DISS nut
4			
5	0995-6444-010 (2002)	1	Hose, white

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Item Number	Part Number	Quantity	Description
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-018 (2002)	1	Swivel assembly
8	6803-2000-310 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8112-808 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-73. Puritan-Bennett®[1] Gas Outlets (P/N M2010BP45AC and M2010BP57AC) P2002B

Item Number	Part Number	Quantity	Description
1	20471845AC (2002) or 20471857AC (2002)	1	Gas block assembly, Puritan-Bennett®—air, Canada (with 45" hose assembly) or Gas block assembly, Puritan-Bennett®—air, Canada (with 57" hose assembly)

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Item Number	Part Number	Quantity	Description
2	6812-2000-432 (2002)	1	DISS gland
3	5804-0029-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-017 (2002)	1	Swivel assembly
8	6803-2000-312 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8112-810 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-74. Puritan-Bennett®[1] Gas Outlets (P/N M2010BP45VC and M2010BP57VC) P2002B

Item Number	Part Number	Quantity	Description
1	20471845VC (2002) or 20471857VC (2002)	1	Gas block assembly, Puritan-Bennett®—vacuum, Canada (with 45" hose assembly) or Gas block assembly, Puritan-Bennett®—vacuum, Canada (with 57" hose assembly)
2	0204-8002-300 (2002)	1	DISS gland
3	5804-0035-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-119 (2002)	1	Swivel assembly
8	6803-2000-311 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8112-809 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14			
15			

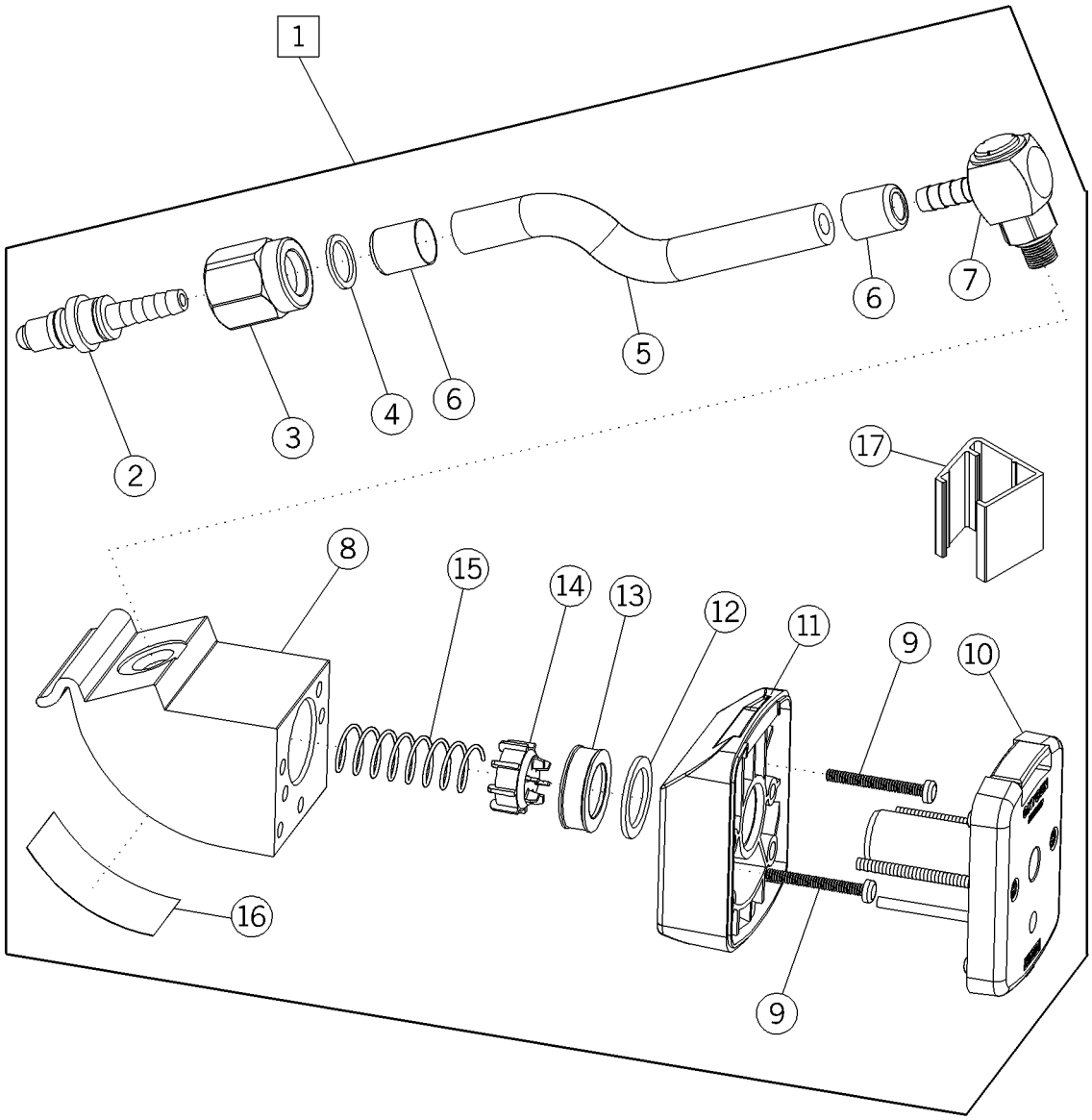
1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Item Number	Part Number	Quantity	Description
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

NOTES:

Chemetron®[1] Gas Outlets (P/N M2010BC) P2002B

Figure 5-55. Chemetron® Gas Outlets (P/N M2010BC) P2002B



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1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Table 5-75. Chemetron®[1] Gas Outlets (P/N M2010BC45O and M2010BC57O) P2002B

Item Number	Part Number	Quantity	Description
1	20471945O (2002) or 20471957O (2002)	1	Gas block assembly, Chemetron®—oxygen, US (with 45" hose assembly) or Gas block assembly, Chemetron®—oxygen, US (with 57" hose assembly)
2	6812-2000-428 (2002)	1	DISS gland
3	0204-6534-300 (2002)	1	DISS nut
4			
5	0995-6442-010 (2002)	1	Hose, green
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-018 (2002)	1	Swivel assembly
8	6803-2000-310 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8113-800 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring

1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Item Number	Part Number	Quantity	Description
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-76. Chemetron®[1] Gas Outlets (P/N M2010BC45A and M2010BC57A) P2002B

Item Number	Part Number	Quantity	Description
1	20471945A (2002) or 20471957A (2002)	1	Gas block assembly, Chemetron®—air, US (with 45" hose assembly) or Gas block assembly, Chemetron®—air, US (with 57" hose assembly)
2	6812-2000-432 (2002)	1	DISS gland
3	5804-0029-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6426-010 (2002)	1	Hose, yellow
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-017 (2002)	1	Swivel assembly
8	6803-2000-312 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8113-803 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve

1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Item Number	Part Number	Quantity	Description
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-77. Chemetron®[1] Gas Outlets (P/N M2010BC45V and M2010BC57V) P2002B

Item Number	Part Number	Quantity	Description
1	20471945V (2002) or 20471957V (2002)	1	Gas block assembly, Chemetron®—vacuum, US (with 45" hose assembly) or Gas block assembly, Chemetron®—vacuum, US (with 57" hose assembly)
2	0204-8002-300 (2002)	1	DISS gland
3	5804-0035-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-119 (2002)	1	Swivel assembly

1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Item Number	Part Number	Quantity	Description
8	6803-2000-311 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8113-802 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14			
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-78. Chemetron®[1] Gas Outlets (P/N M2010BC45OC and M2010BC57OC) P2002B

Item Number	Part Number	Quantity	Description
1	20471945OC (2002) or 20471957OC (2002)	1	Gas block assembly, Chemetron®—oxygen, Canada (with 45" hose assembly) or Gas block assembly, Chemetron®—oxygen, Canada (with 57" hose assembly)
2	6812-2000-428 (2002)	1	DISS gland
3	0204-6534-300 (2002)	1	DISS nut
4			

1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Item Number	Part Number	Quantity	Description
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-018 (2002)	1	Swivel assembly
8	6803-2000-312 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8113-808 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-79. Chemetron®[1] Gas Outlets (P/N M2010BC45AC and M2010BC57AC) P2002B

Item Number	Part Number	Quantity	Description
1	20471945AC (2002) or 20471957AC (2002)	1	Gas block assembly, Chemetron®—air, Canada (with 45" hose assembly) or Gas block assembly, Chemetron®—air, Canada (with 57" hose assembly)
2	6812-2000-432 (2002)	1	DISS gland
3	5804-0029-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-017 (2002)	1	Swivel assembly
8	6803-2000-312 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8113-810 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14	6803-2000-199 (2002)	1	Secondary check
15	0203-3508-300 (2002)	1	Spring

1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Item Number	Part Number	Quantity	Description
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

Table 5-80. Chemetron®[1] Gas Outlets (P/N M2010BC45VC and M2010BC57VC) P2002B

Item Number	Part Number	Quantity	Description
1	20471945VC (2002) or 20471957VC (2002)	1	Gas block assembly, Chemetron®—vacuum, Canada (with 45" hose assembly) or Gas block assembly, Chemetron®—vacuum, Canada (with 57" hose assembly)
2	0204-8002-300 (2002)	1	DISS gland
3	5804-0035-000 (2002)	1	DISS nut
4	5804-0018-000 (2002)	1	Retaining ring
5	0995-6444-010 (2002)	1	Hose, white
6	0143-5525-140 (2002)	2	Ferrule
7	9100-1000-119 (2002)	1	Swivel assembly
8	6803-2000-311 (2002)	1	Gas block
9	6812-2001-064 (2002)	2	Screw
10	6803-8113-809 (2002)	1	Frontbody assembly
11	6803-2000-204 (2002)	1	Plastic sleeve

1. Chemetron® is a registered trademark of Allied Healthcare Products, Inc.

Item Number	Part Number	Quantity	Description
12	6812-2000-851 (2002)	1	Washer
13	6812-2001-037 (2002)	1	Bushing
14			
15			
16	6803-2000-321 (2002)	1	UL/CSA label
17	6803-2000-320 (2002)	1	Hose clip

NOTES:

Gas Manifold Assembly—P2002

Figure 5-56. Gas Manifold Assembly—P2002

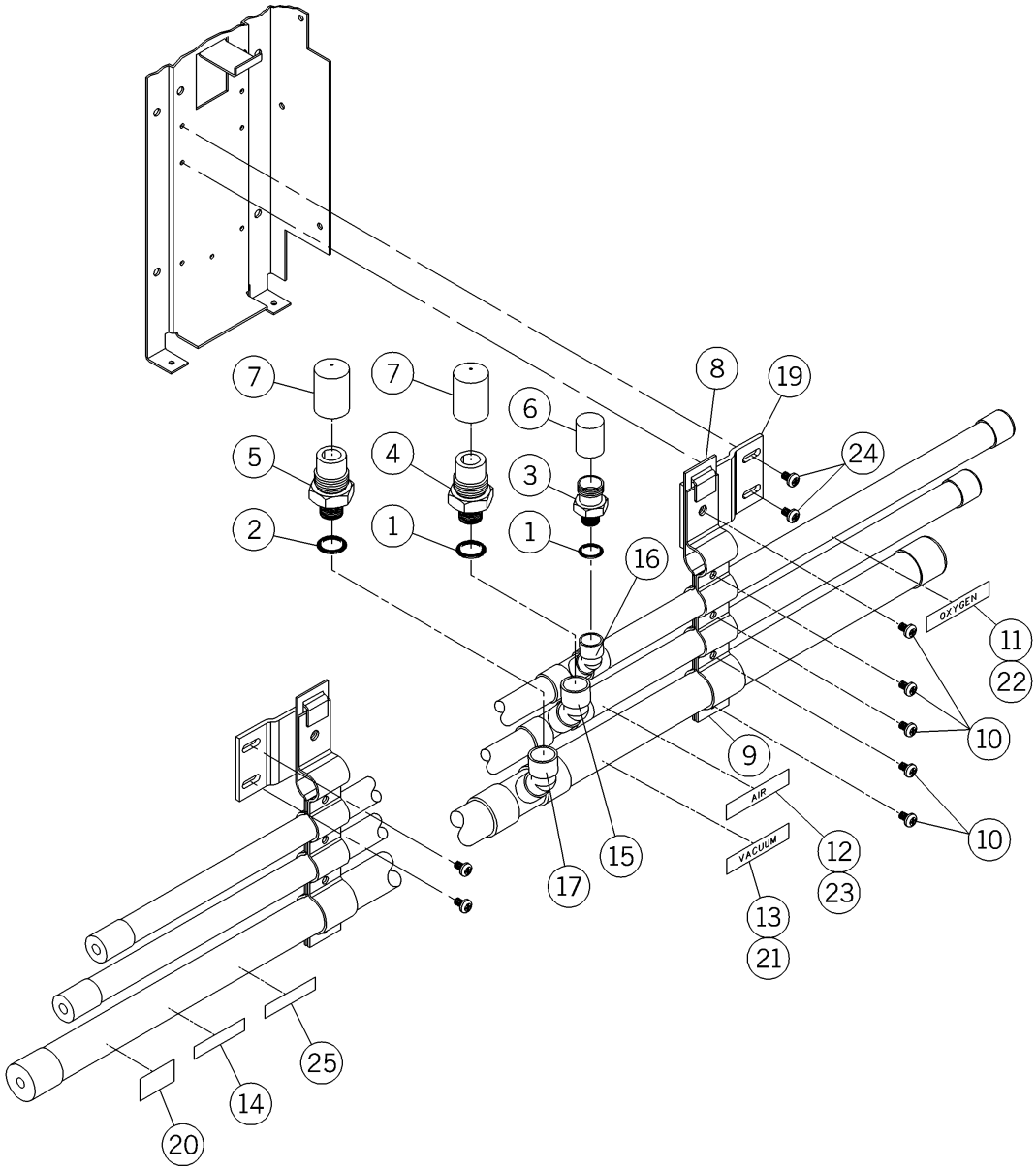

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Table 5-81. Gas Manifold Assembly—P2002

Item Number	Part Number	Quantity	Description
1	52955-12 (2002)	2	O-ring, gas seal, oxygen and air
2	52955-13 (2002)	1	O-ring, gas seal—vacuum
3	56975 (2002)	1	Fitting, demand valve—oxygen
4	56974 (2002)	1	Fitting, demand valve—air
5	56976 (2002)	1	Fitting, demand valve—vacuum
6	51438 (2002)	1	Cap—oxygen
7	51435 (2002)	2	Cap—vacuum and air
8	52171 (2002)	2	Clamp
9	52172 (2002)	2	Bracket
10	52555-03 (2002)	8	Screw
11	22453 (2002)	1	Label—oxygen
12	22454 (2002)	1	Label—air
13	22455 (2002)	1	Label—vacuum
14	52456 (2002)	1	Label—warning
15	51409 (2002)	1	Shrink tube—air
16	51410 (2002)	1	Shrink tube—oxygen
17	51411 (2002)	1	Shrink tube—vacuum
18	29030 (2002)	As required	Lubricant, O-ring (not shown)
19	58960 (2002)	2	Manifold mounting bracket
20	59019 (2002)	1	Label brazing
21	53382-01 (2002)	1	Label—vacuum, CSA®[a]
22	53382-02 (2002)	1	Label—oxygen, CSA®
23	53382-03 (2002)	1	Label—air, CSA®
24	393 (2002)	4	Screw
25	57427 (2002)	1	Label—attention

a. CSA® is a registered trademark of Canadian Standards Association.

Gas Manifold Assembly—P2002A/P2002B

Figure 5-57. Gas Manifold Assembly—P2002A/P2002B

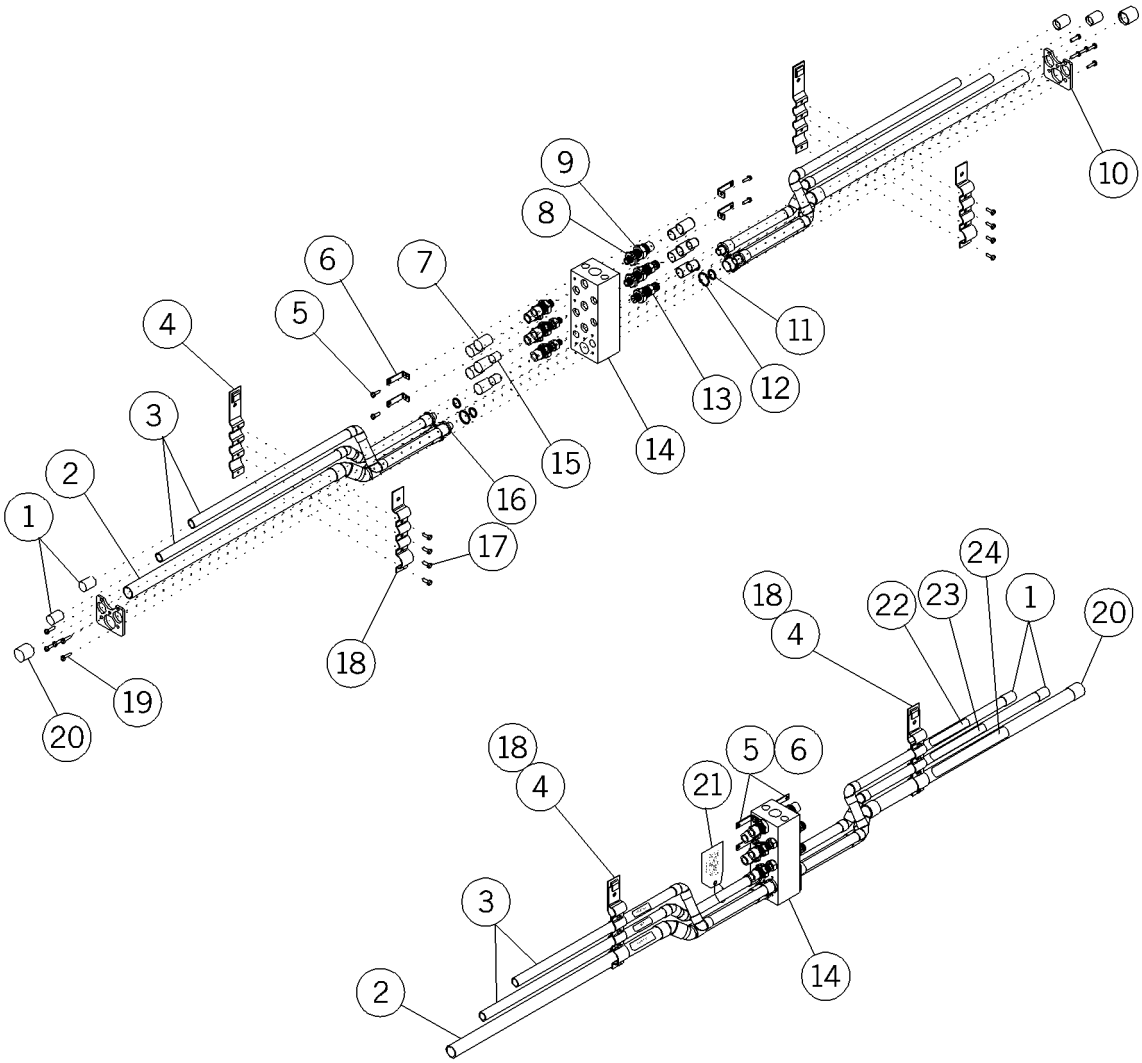

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Table 5-82. Gas Manifold Assembly—P2002A/P2002B

Item Number	Part Number	Quantity	Description
1	5390503 (2002)	4	Tube end cap
2	203353 (2002)	2	Tube assembly
3	203356 (2002)	2	Tube assembly
4	52172 (2002)	2	Bracket
5	52243-03 (2002)	4	Screw
6	203302 (2002)	4	Manifold bracket
7	51435 (2002)	10	Cap—vac/air
8	56974 (2002)	4	Demand valve-air
9	56976 (2002)	6	Demand valve-vacuum
10	203305 (2002)	2	Manifold pressure plate
11	58738014 (2002)	4	Neoprene O-ring
12	58738019 (2002)	2	Neoprene O-ring
13	56975 (2002)	4	Demand valve-oxygen
14	203306 (2002)	1	Manifold weldment
15	51438 (2002)	4	Protective cap—oxygen
16	203355 (2002)	2	Tube assembly
17	52555-03 (2002)	8	Screw
18	52171 (2002)	2	Clamp
19	52243-05 (2002)	10	Screw
20	53905-05 (2002)	2	Tube-end cap
21	203272 (2002)	1	Manifold testing tag
22	59019 (2002)	As required	Brazing label
23	52456 (2002)	1	Warning label
24	57427 (2002)	1	Label, attention
25	29030 (2002)‡	As required	Lubricant

‡ Item number 25 is not shown in figure 5-57.

Hose Panel Option—P2002

Figure 5-58. Hose Panel Option—P2002

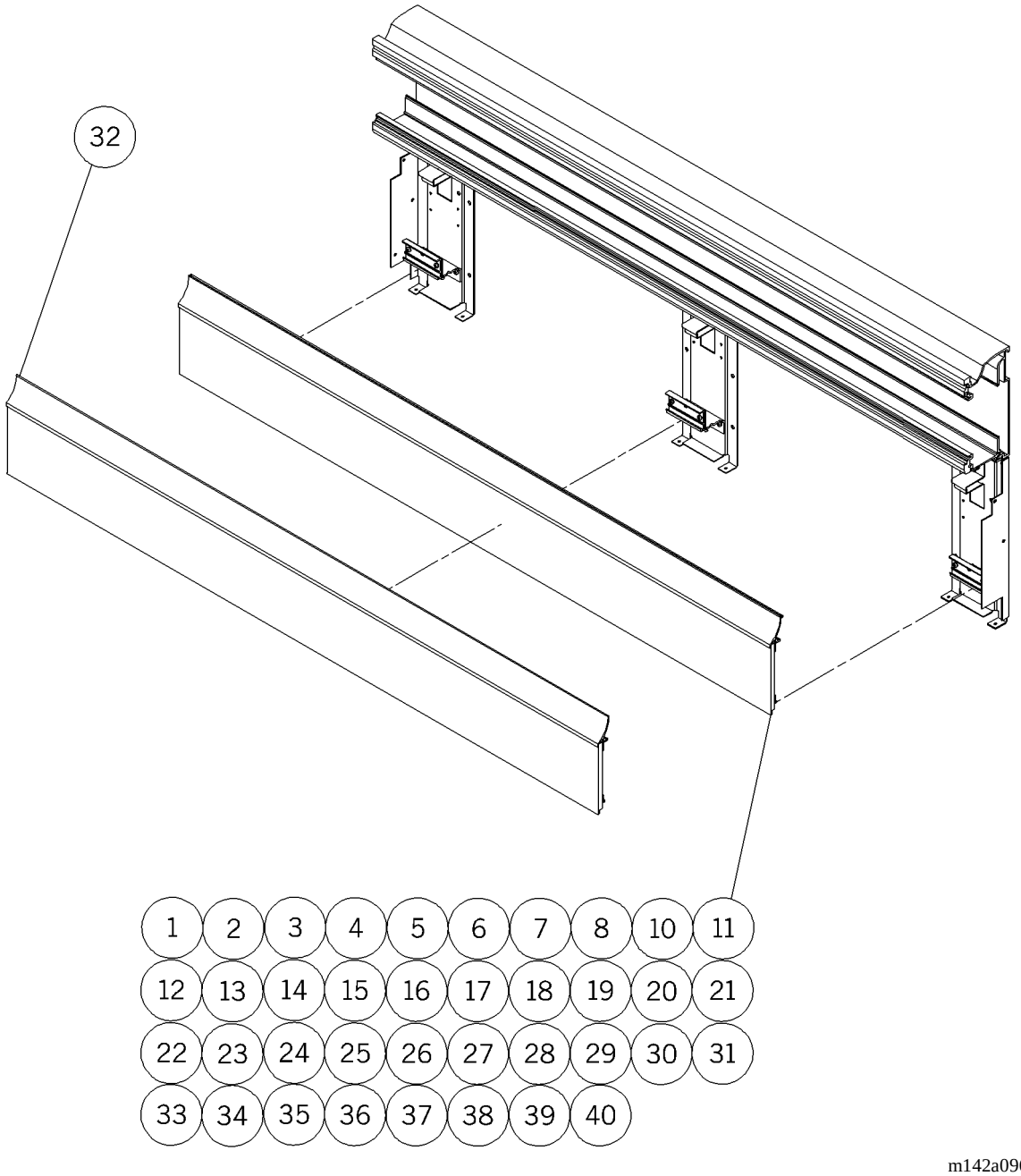

Table 5-83. Hose Panel Option—P2002

Item Number	Part Number	Quantity	Description
1	5888601 (2002)§§§††	1	Hose panel assembly, 8.219" long
2	5888602 (2002)§§§††	1	Hose panel assembly, 10.031" long
3	5888603 (2002)§§§††	1	Hose panel assembly, 11.844" long
4	5888604 (2002)§§§††	1	Hose panel assembly, 13.656" long
5	5888605 (2002)§§§††	1	Hose panel assembly, 15.469" long
6	5888606 (2002)§§§††	1	Hose panel assembly, 17.281" long
7	5888607 (2002)§§§††	1	Hose panel assembly, 19.094" long
8	5888608 (2002)§§§††	1	Hose panel assembly, 20.906" long
9	50556 (2002)‡	1	Carton
10	5888610 (2002)§§§††	1	Hose panel assembly, 21.813" long
11	5888611 (2002)§§§††	1	Hose panel assembly, 22.719" long
12	5888612 (2002)§§§††	1	Hose panel assembly, 23.656" long
13	5888613 (2002)§§§††	1	Hose panel assembly, 24.531" long
14	5888614 (2002)§§§††	1	Hose panel assembly, 25.438" long

‡ Item number 9 is not shown in figure 5-58.
§§§ Specify paint color.

†† Specify wood and laminate finish.

Item Number	Part Number	Quantity	Description
15	5888615 (2002)§§§††	1	Hose panel assembly, 26.344" long
16	5888616 (2002)§§§††	1	Hose panel assembly, 27.250" long
17	5888617 (2002)§§§††	1	Hose panel assembly, 28.156" long
18	5888618 (2002)§§§††	1	Hose panel assembly, 29.063" long
19	5888619 (2002)§§§††	1	Hose panel assembly, 29.969" long
20	5888620 (2002)§§§††	1	Hose panel assembly, 30.875" long
21	5888621 (2002)§§§††	1	Hose panel assembly, 31.781" long
22	5888622 (2002)§§§††	1	Hose panel assembly, 32.688" long
23	5888623 (2002)§§§††	1	Hose panel assembly, 33.594" long
24	5888624 (2002)§§§††	1	Hose panel assembly, 34.500" long
25	5888625 (2002)§§§††	1	Hose panel assembly, 35.406" long
26	5888626 (2002)§§§††	1	Hose panel assembly, 35.938" long
27	5888627 (2002)§§§††	1	Hose panel assembly, 36.313" long
28	5888628 (2002)§§§††	1	Hose panel assembly, 37.219" long
29	5888629 (2002)§§§††	1	Hose panel assembly, 38.125" long

§§§ Specify paint color.

†† Specify wood and laminate finish.

Item Number	Part Number	Quantity	Description
30	5888630 (2002)§§§††	1	Hose panel assembly, 39.031" long
31	5888631 (2002)§§§††	1	Hose panel assembly, 39.938" long
32	5888632 (2002)§§§††	1	Hose panel assembly, 35.938" long
33	5888633 (2002)§§§††	1	Hose panel assembly, 40.844" long
34	5888634 (2002)§§§††	1	Hose panel assembly, 41.750" long
35	5888635 (2002)§§§††	1	Hose panel assembly, 42.656" long
36	5888636 (2002)§§§††	1	Hose panel assembly, 43.563" long
37	5888637 (2002)§§§††	1	Hose panel assembly, 44.469" long
38	5888638 (2002)§§§††	1	Hose panel assembly, 45.375" long
39	5888639 (2002)§§§††	1	Hose panel assembly, 46.281" long
40	5888640 (2002)§§§††	1	Hose panel assembly, 47.188" long

§§§ Specify paint color.

†† Specify wood and laminate finish.

Hose Panel Option—P2002A

Figure 5-59. Hose Panel Option—P2002A

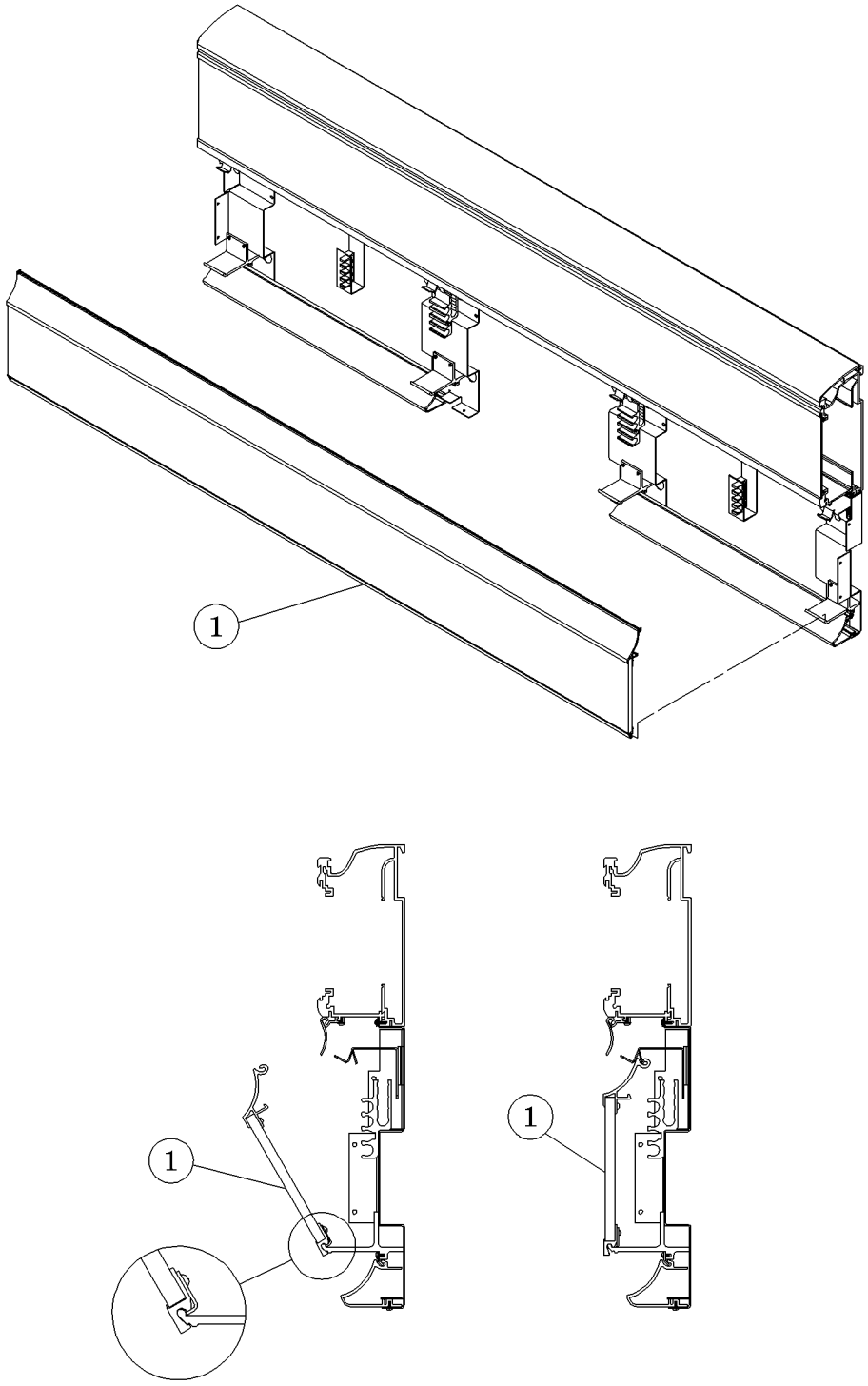

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Table 5-84. Hose Panel Option—P2002A

Item Number	Part Number	Quantity	Description
1	203547 (2002)§††	1	Hose panel assembly

§ Specify paint color.
†† Specify wood and laminate finish.

Hose Panel Option—P2002B

Figure 5-60. Hose Panel Option—P2002B

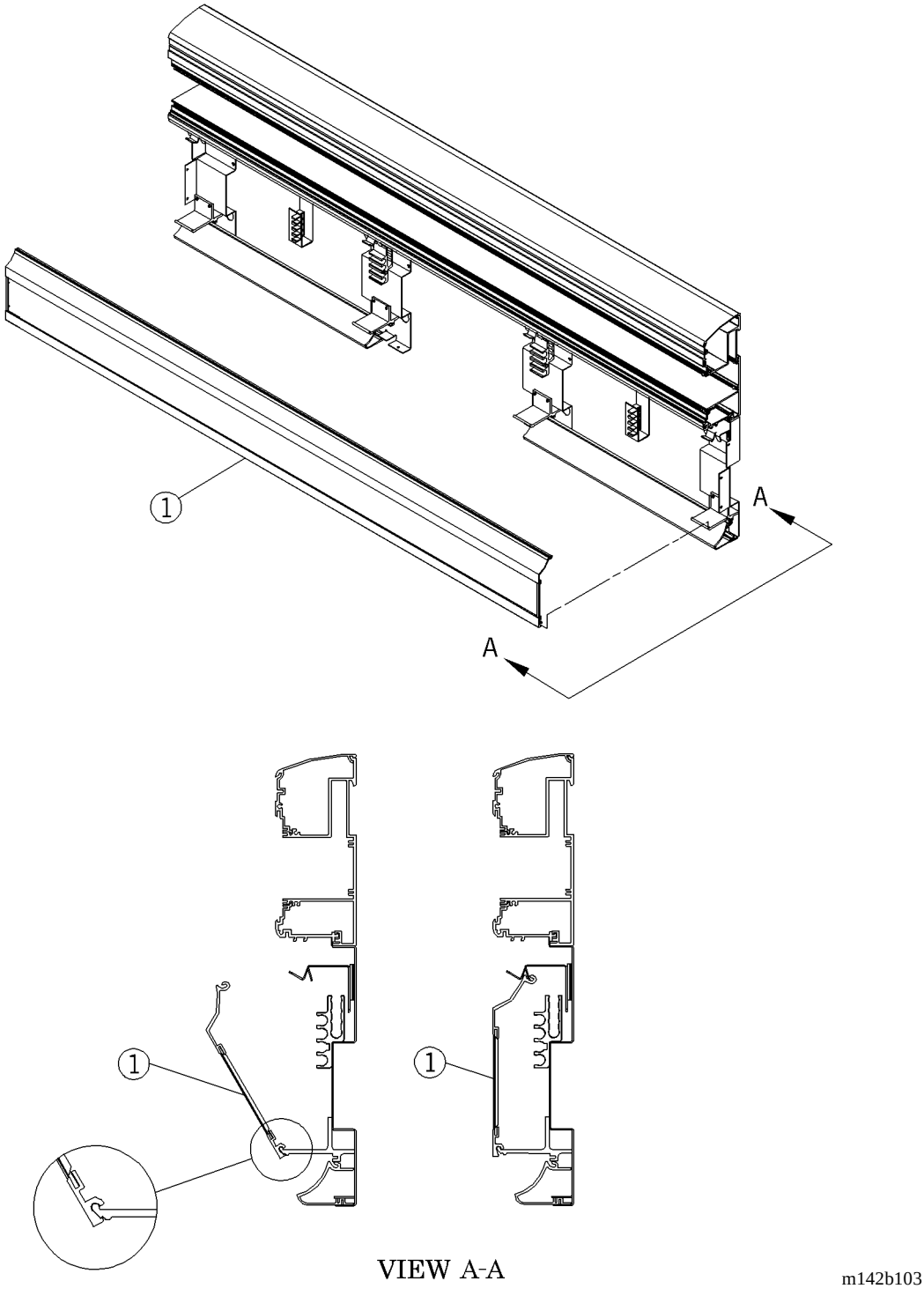


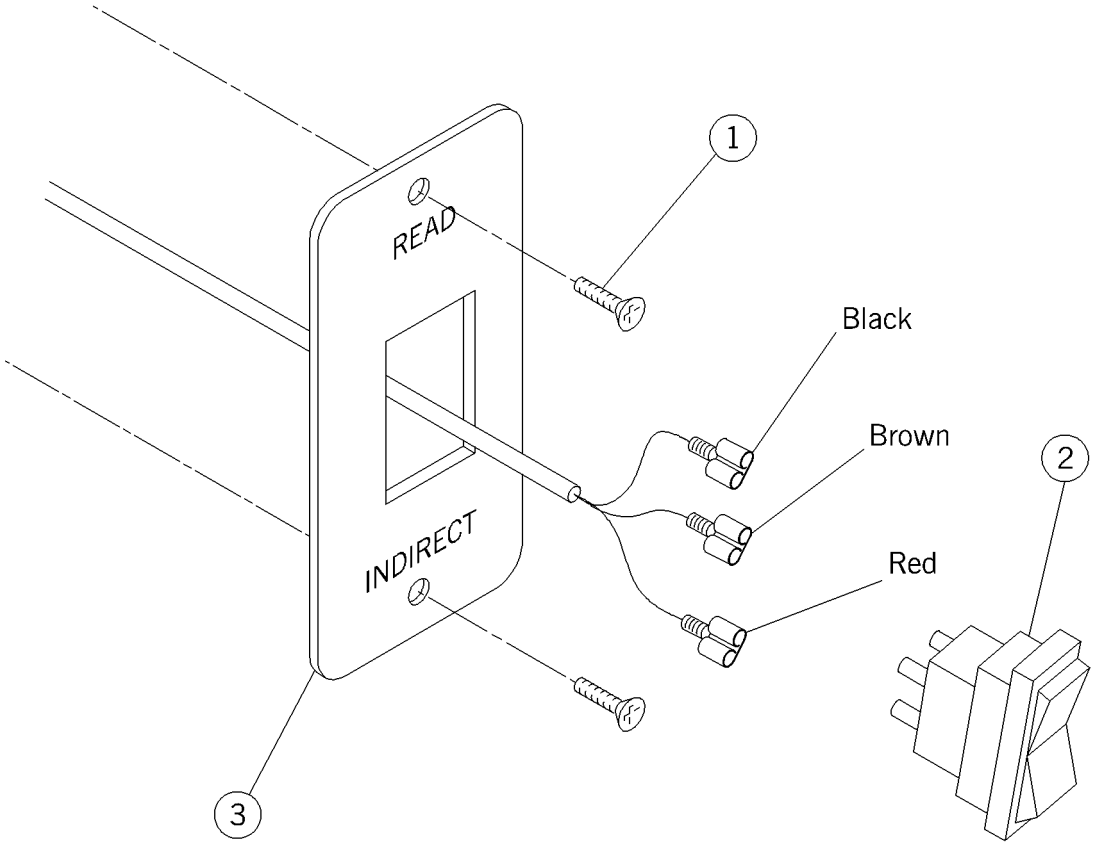
Table 5-85. Hose Panel Option—P2002B

Item Number	Part Number	Quantity	Description
1	20414130 (2002)§†† or 20414101 (2002)§††	1	Hose panel assembly, 30" long Hose panel assembly, full length

§ Specify paint color.
†† Specify wood and laminate finish.

Low Voltage Switch

Figure 5-61. Low Voltage Switch



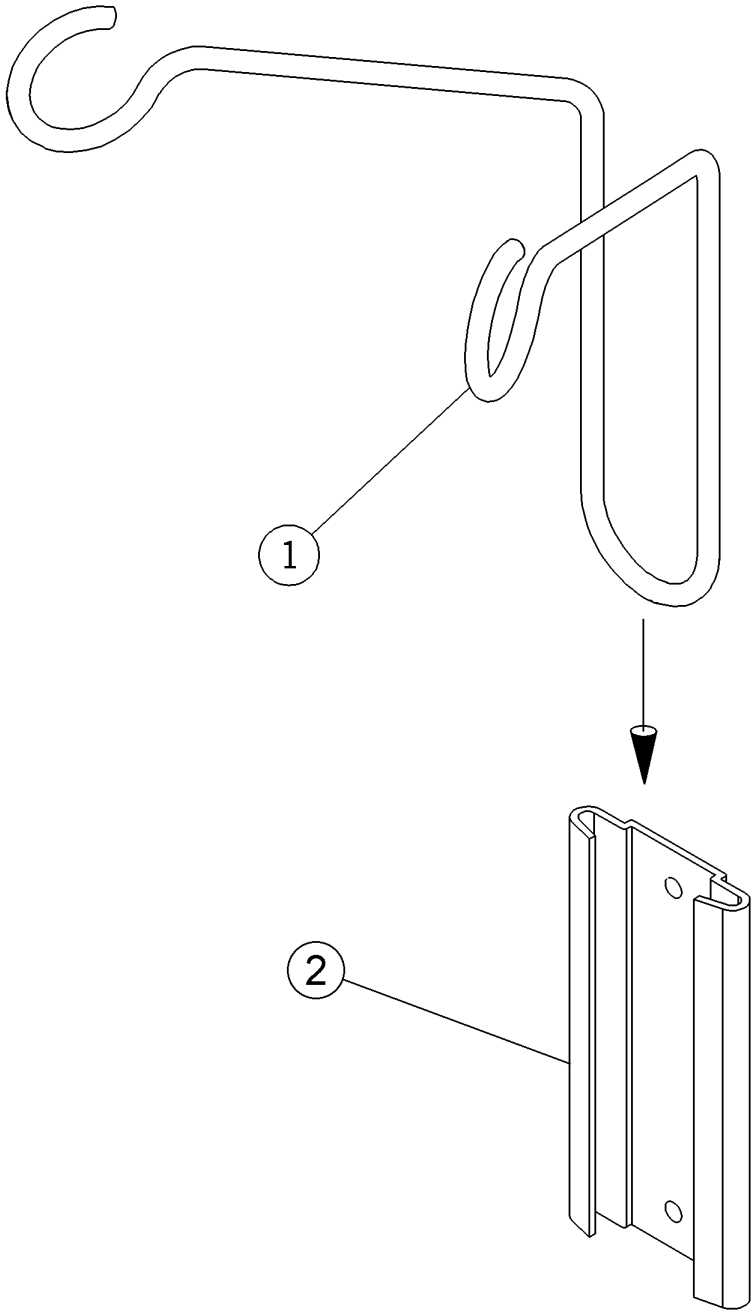
m142_045

Table 5-86. Low Voltage Switch

Item Number	Part Number	Quantity	Description
1	50590 (2002)	2	Screw
2	53224 (2002)	1	Switch—modified
3	53750 (2002)	1	Faceplate

IV Hanger, Slide Mounted (P971H00)

Figure 5-62. IV Hanger, Slide Mounted (P971H00)



m142_046

Table 5-87. IV Hanger, Slide Mounted (P971H00)

Item Number	Part Number	Quantity	Description
1	53128 (2002)	1	IV mount
2	1020A (2002)	1	Slide

Mercury Sphygmomanometer (P977-00) and Aneroid Sphygmomanometer (P978-01)

Figure 5-63. Mercury Sphygmomanometer (P977-00) and Aneroid Sphygmomanometer (P978-01)

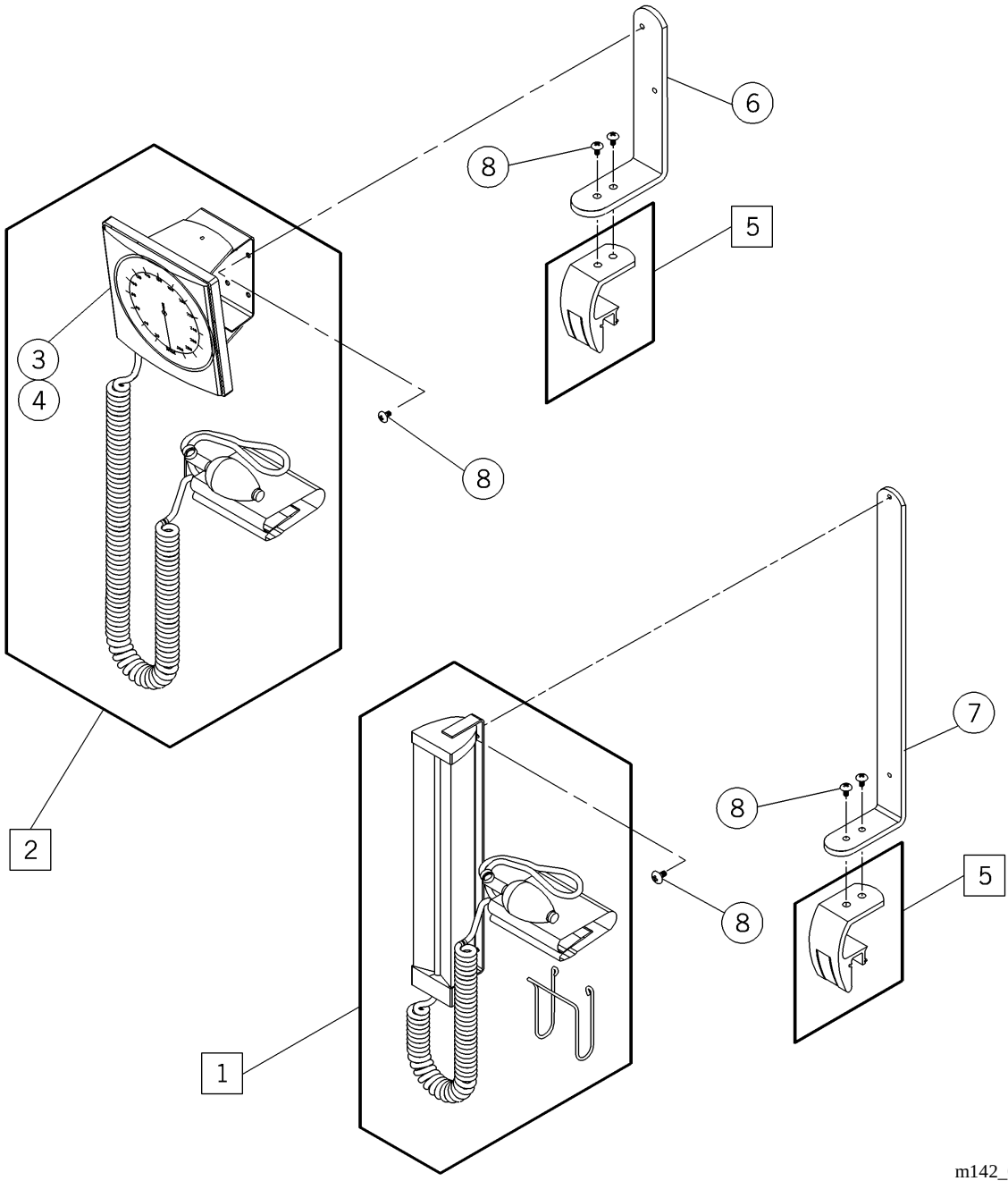


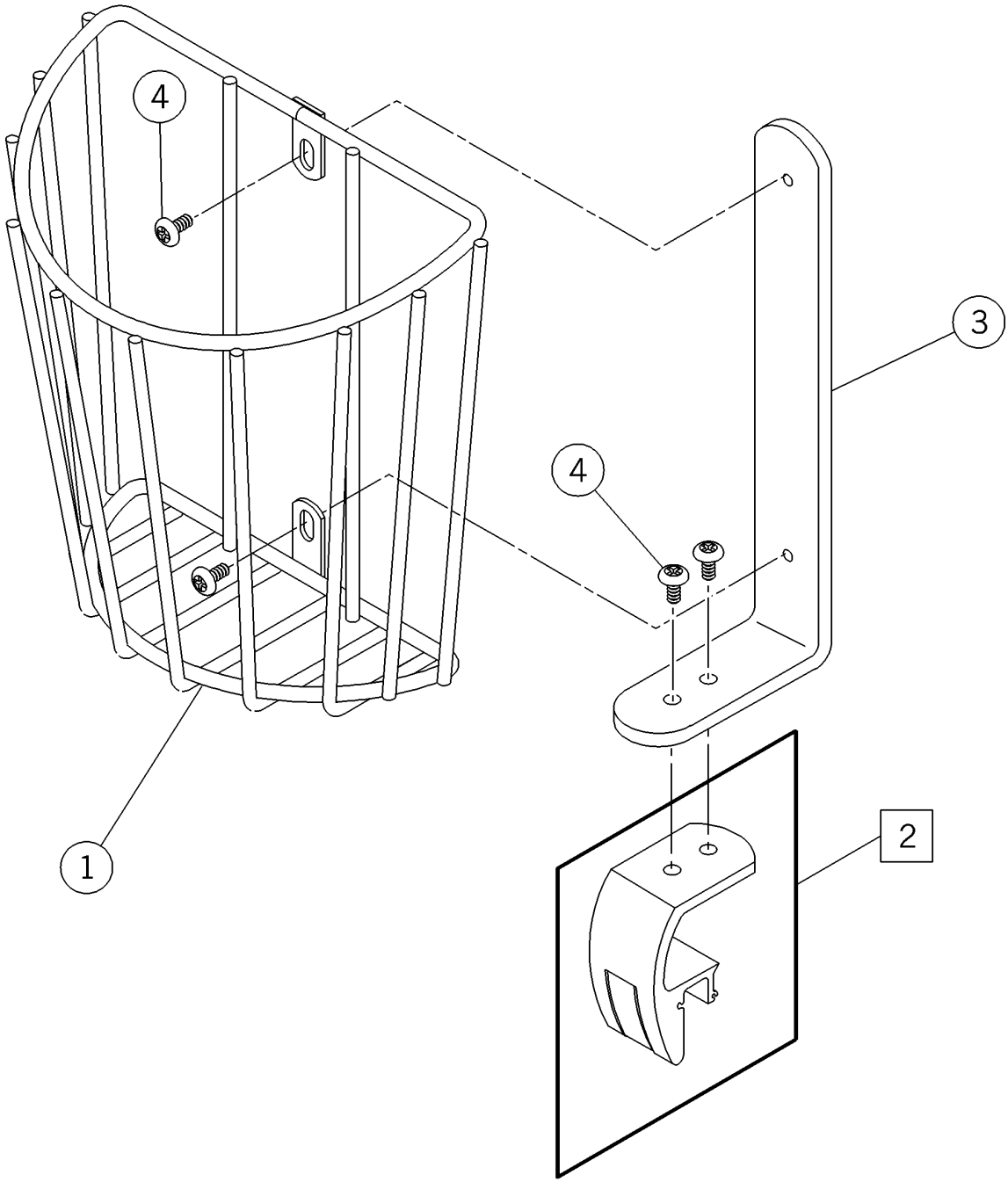
Table 5-88. Mercury Sphygmomanometer (P977-00) and Aneroid Sphygmomanometer (P978-01)

Item Number	Part Number	Quantity	Description
1	977-00 (2002)	1	Mercury sphygmomanometer
2	P978-01 (2002)	1	Aneroid sphygmomanometer
3	28586 (2002)	1	Aneroid sphygmomanometer
4	28586-02 (2002)	1	Aneroid sphygmomanometer—charcoal face
5	59196 (2002)	1	Track mount assembly
6	59199 (2002)§§§	1	Bracket, mercury sphygmomanometer
7	59200 (2002)§§§	1	Bracket, aneroid sphygmomanometer
8	54610-01 (2002)	4	Screw

§§§ Specify paint color.

Cuff Basket (P102802)

Figure 5-64. Cuff Basket (P102802)



m142_080

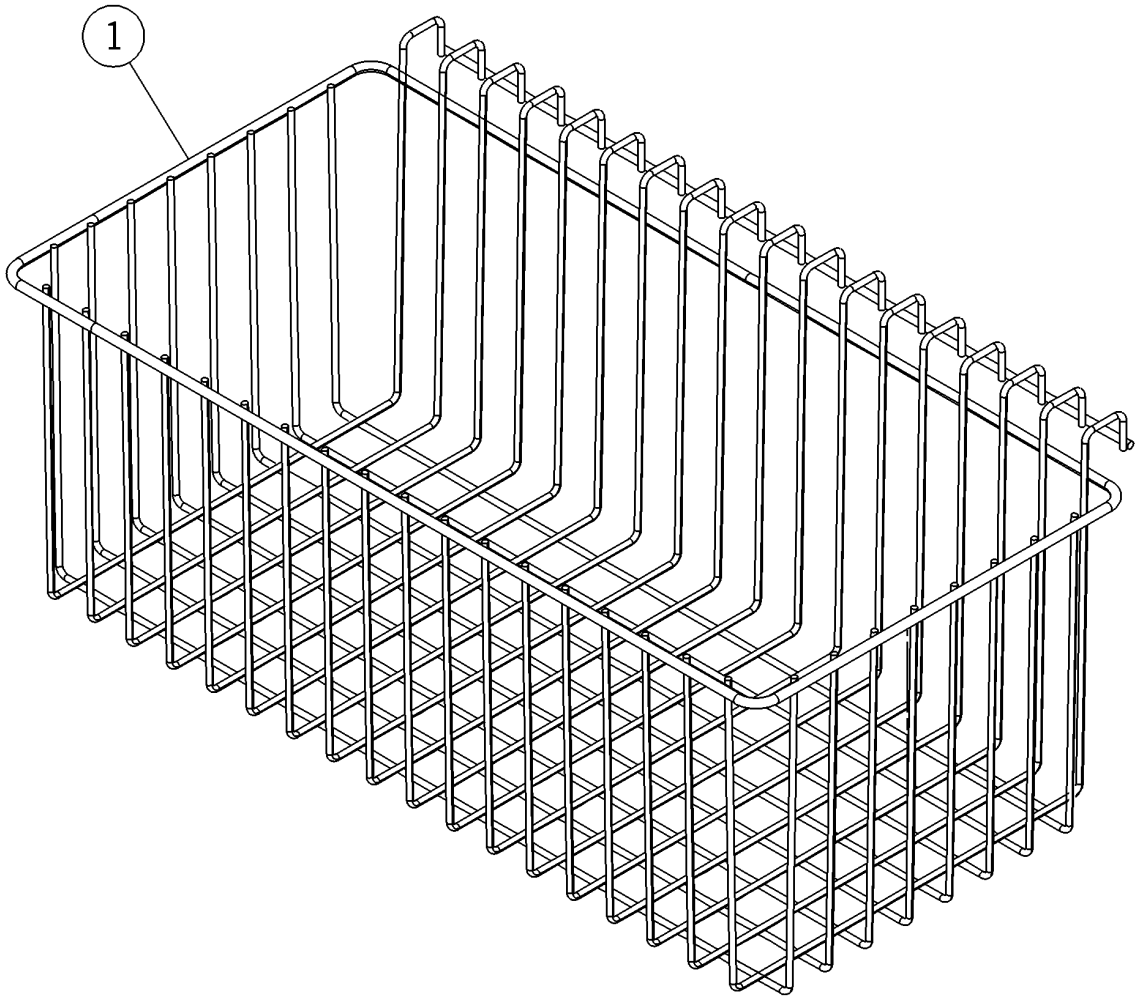
Table 5-89. Cuff Basket (P102802)

Item Number	Part Number	Quantity	Description
1	56875 (2002)	1	Cuff basket
2	59196 (2002)	1	Track mount assembly
3	59198 (2002)§§§	1	Bracket, cuff basket
4	54610-01 (2002)	4	Screw

§§§ Specify paint color.

Large Storage Basket (P1029L2)

Figure 5-65. Large Storage Basket (P1029L2)



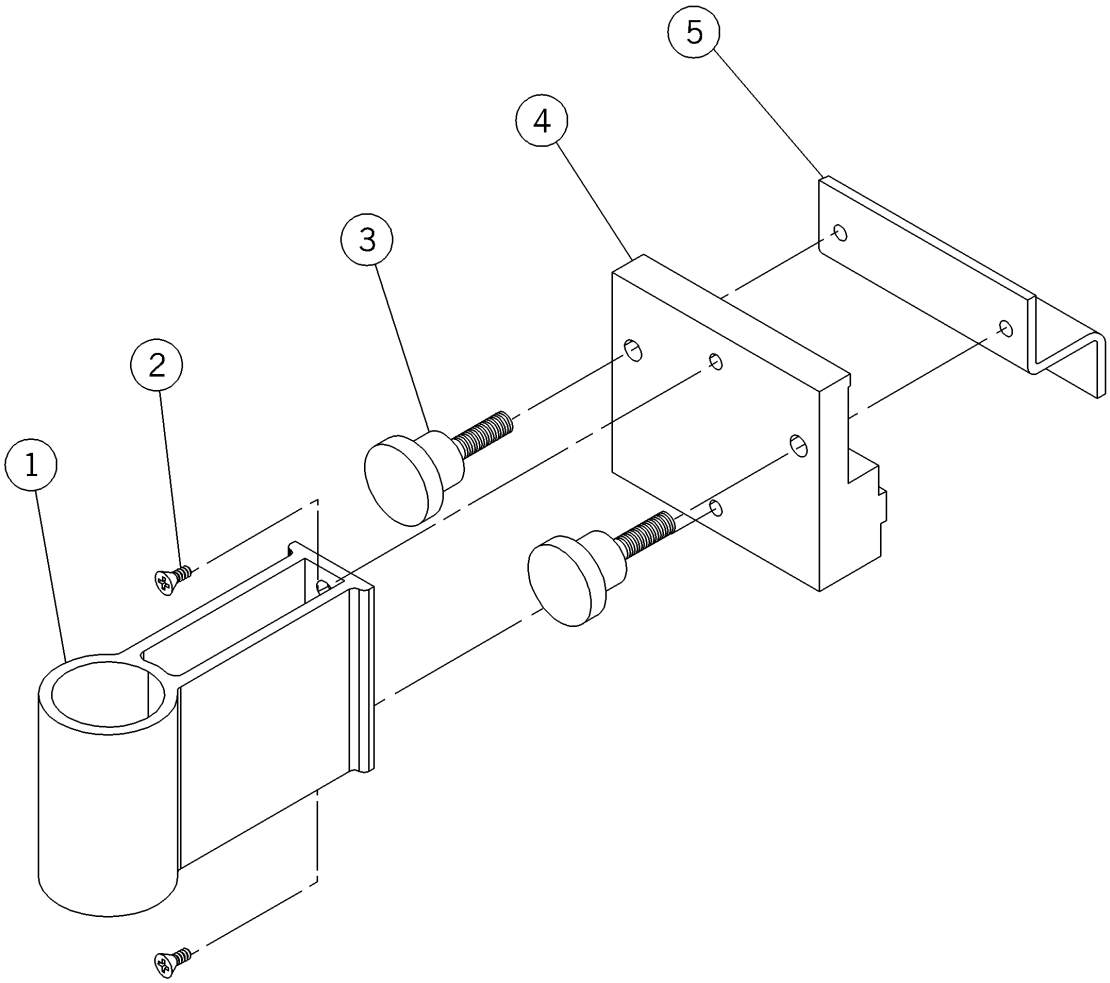
m142_048

Table 5-90. Large Storage Basket (P1029L2)

Item Number	Part Number	Quantity	Description
1	P1029L2 (2002)	1	Large storage basket

Universal Holder (P102301)

Figure 5-66. Universal Holder (P102301)



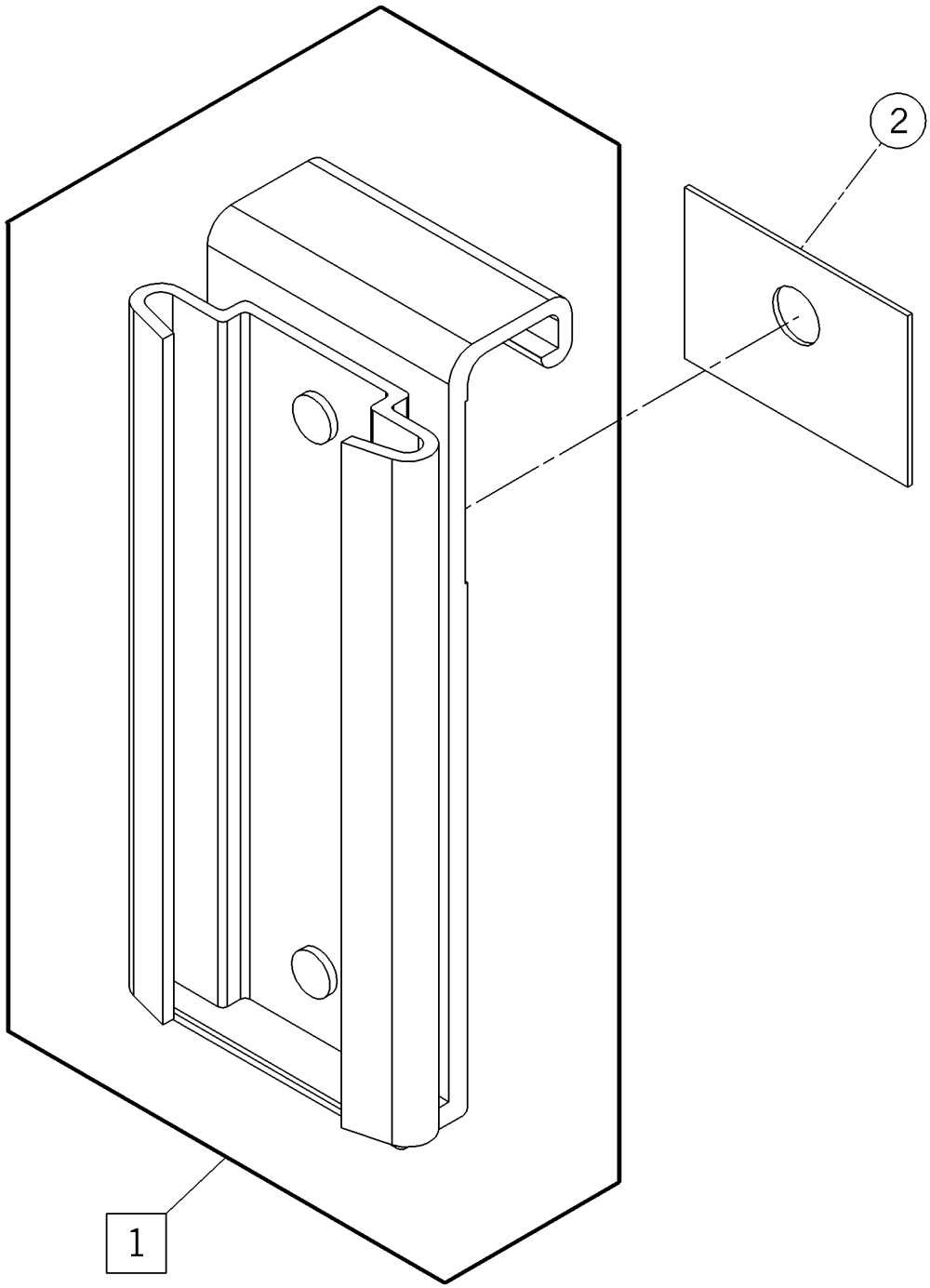
m142_049

Table 5-91. Universal Holder (P102301)

Item Number	Part Number	Quantity	Description
1	52570 (2002)	1	Holder—984
2	34099 (2002)	2	Screw
3	52569 (2002)	2	Knob
4	52571 (2002)	1	Trough clamp—front
5	52572 (2002)	1	Trough clamp—rear

Utility/Bottle Slide Mount (P1020A1)

Figure 5-67. Utility/Bottle Slide Mount (P1020A1)



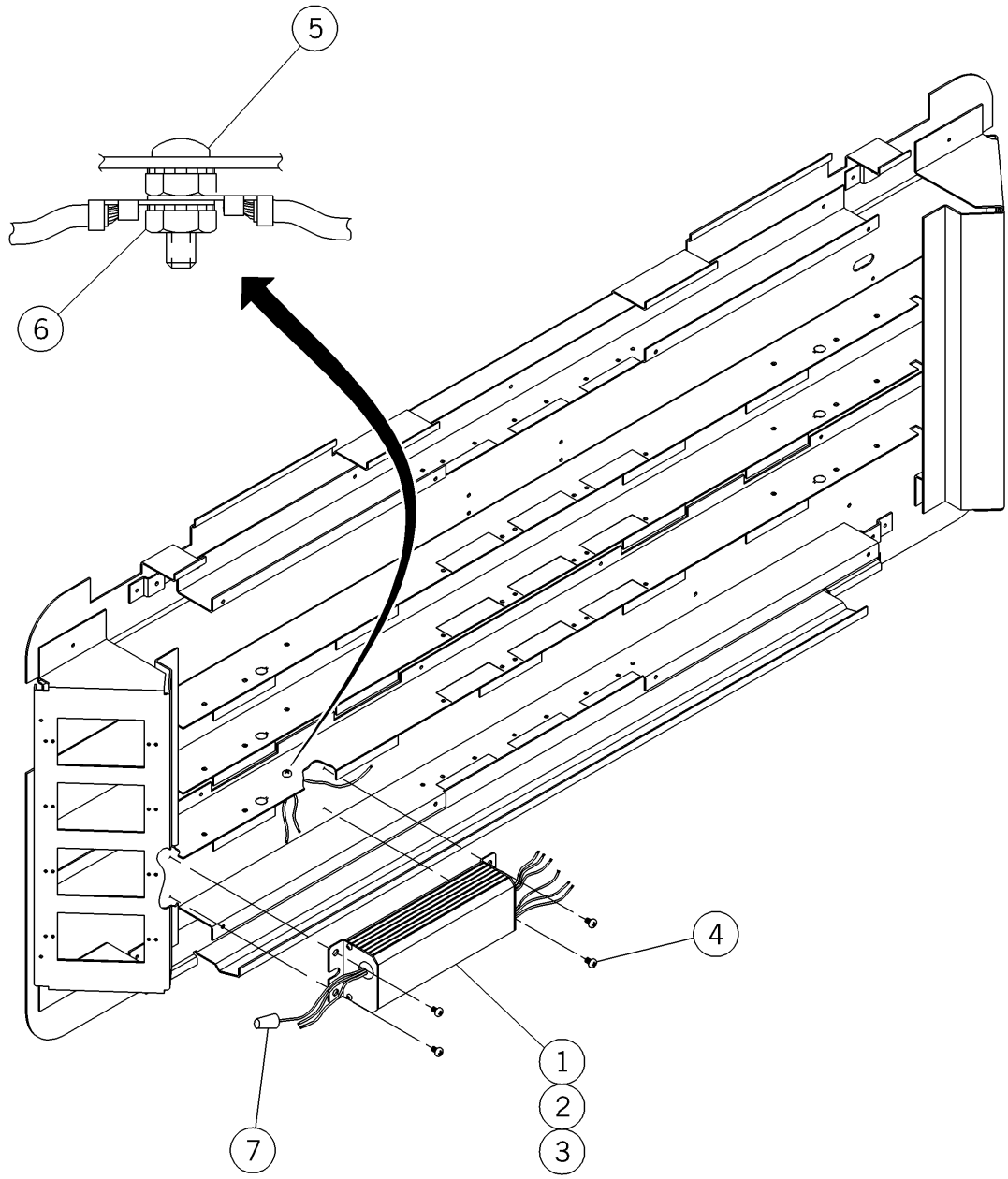
m142_050

Table 5-92. Utility/Bottle Slide Mount (P1020A1)

Item Number	Part Number	Quantity	Description
1	1020A1 (2002)	1	Bottle slide
2	52793 (2002)	1	Skid pad

Low Voltage Controller Option

Figure 5-68. Low Voltage Controller Option



m142_066

Table 5-93. Low Voltage Controller Option

Item Number	Part Number	Quantity	Description
1	203507120 (2002)	1	Low voltage controller assy, 120V
2	P533A-240 (2002)	1	Low voltage controller assy, 240V
3	P533A-277 (2002)	1	Low voltage controller, 277V AC
4	393 (2002)	4	Screw
5	52243-05 (2002)	1	Screw
6	15250 (2002)	2	Locknut washer base
7	32741 (2002)	7	Wire joint

Ground Bar Option, Bed Locator

Figure 5-69. Ground Bar Option, Bed Locator

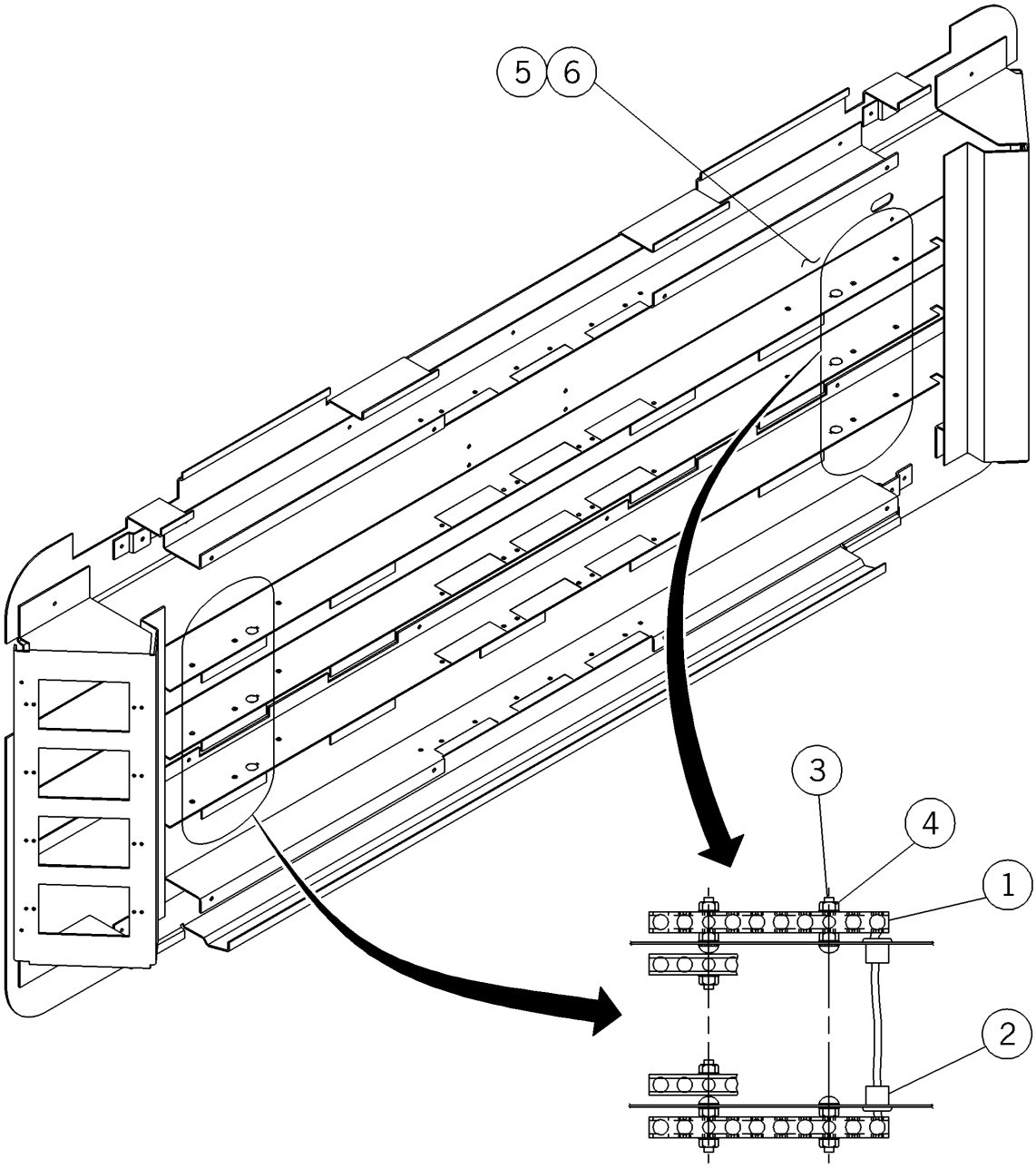


Table 5-94. Ground Bar Option, Bed Locator

Item Number	Part Number	Quantity	Description
1	56551 (2002)‡	1	Ground bar
2	18148 (2002)‡‡	2	Snap bushing
3	52243-07 (2002)	1	Screw
4	15250 (2002)	As required	Locknut washer base
5	32112 (2002)	1	Reference ground label
6	32252 (2002)	7	Label, torque

‡ A quantity of 1 used on assembly -01; a quantity of 2 used on assembly -02.
‡‡ Used on assembly -02 only.

Provision Option, Bed Locator—P2002/P2002A

Figure 5-70. Provision Option, Bed Locator—P2002/P2002A

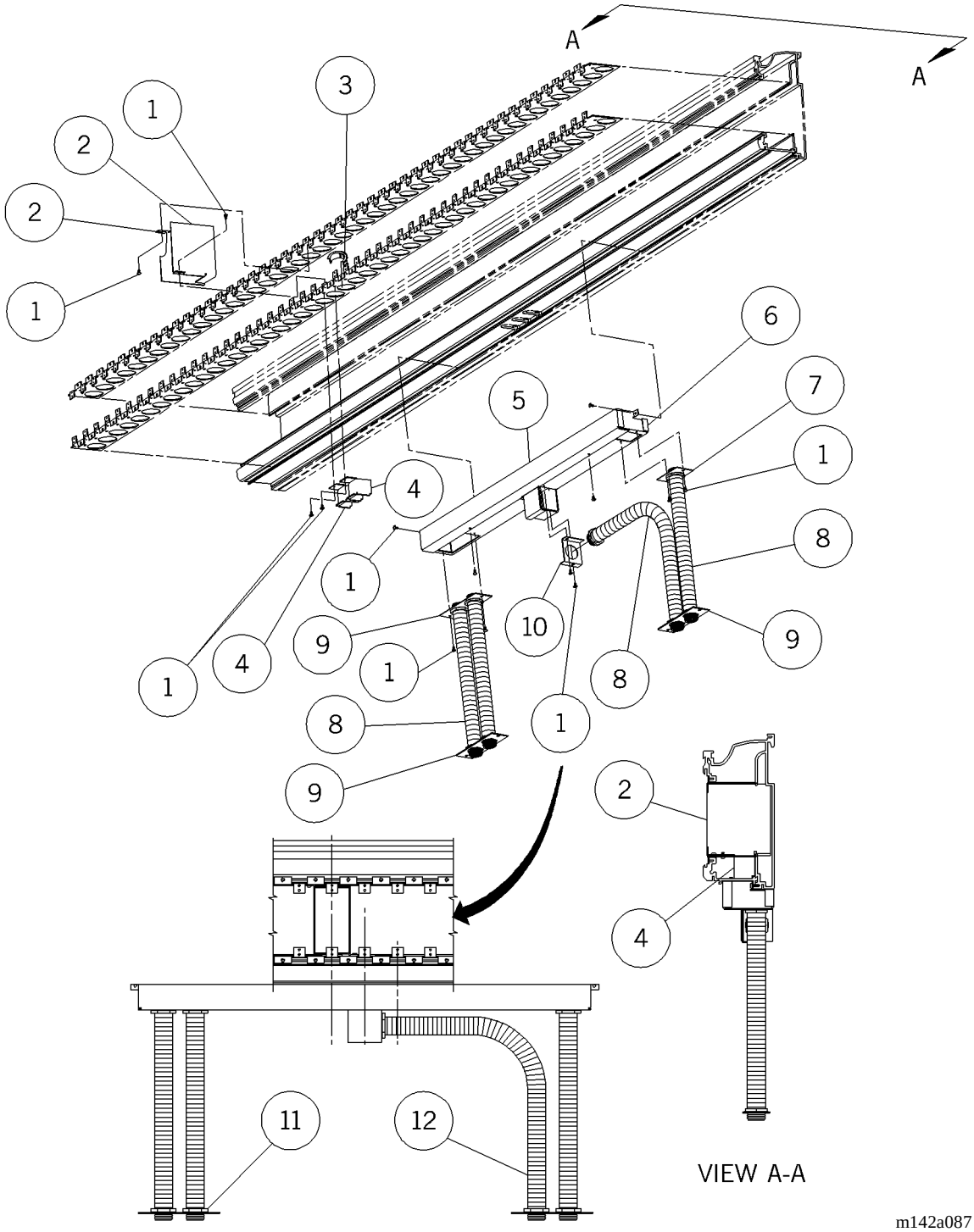


Table 5-95. Provision Option, Bed Locator—P2002/P2002A

Item Number	Part Number	Quantity	Description
1	52945-02 (2002)	14	Screw
2	5949801 (2002)	2	Back box, 1 gang
3	203247 (2002)	1	Snap bushing
4	58715 (2002)	2	Tubing raceway
5	203433 (2002)	1	Cover
6	203431 (2002)	1	Assembly, tray
7	203489 (2002)	1	Plate, connector conduit
8	15363 (2002)	4.166 lft	Flexible conduit
9	203415 (2002)	3	Plate, connector conduit
10	203490 (2002)	1	Plate, connector conduit
11	15365 (2002)	8	Insulated connector
12	56202 (2002)	As required	Conduit mesh

Provision Option, Bed Locator Assembly—P2002B

Figure 5-71. Provision Option, Bed Locator Assembly—P2002B

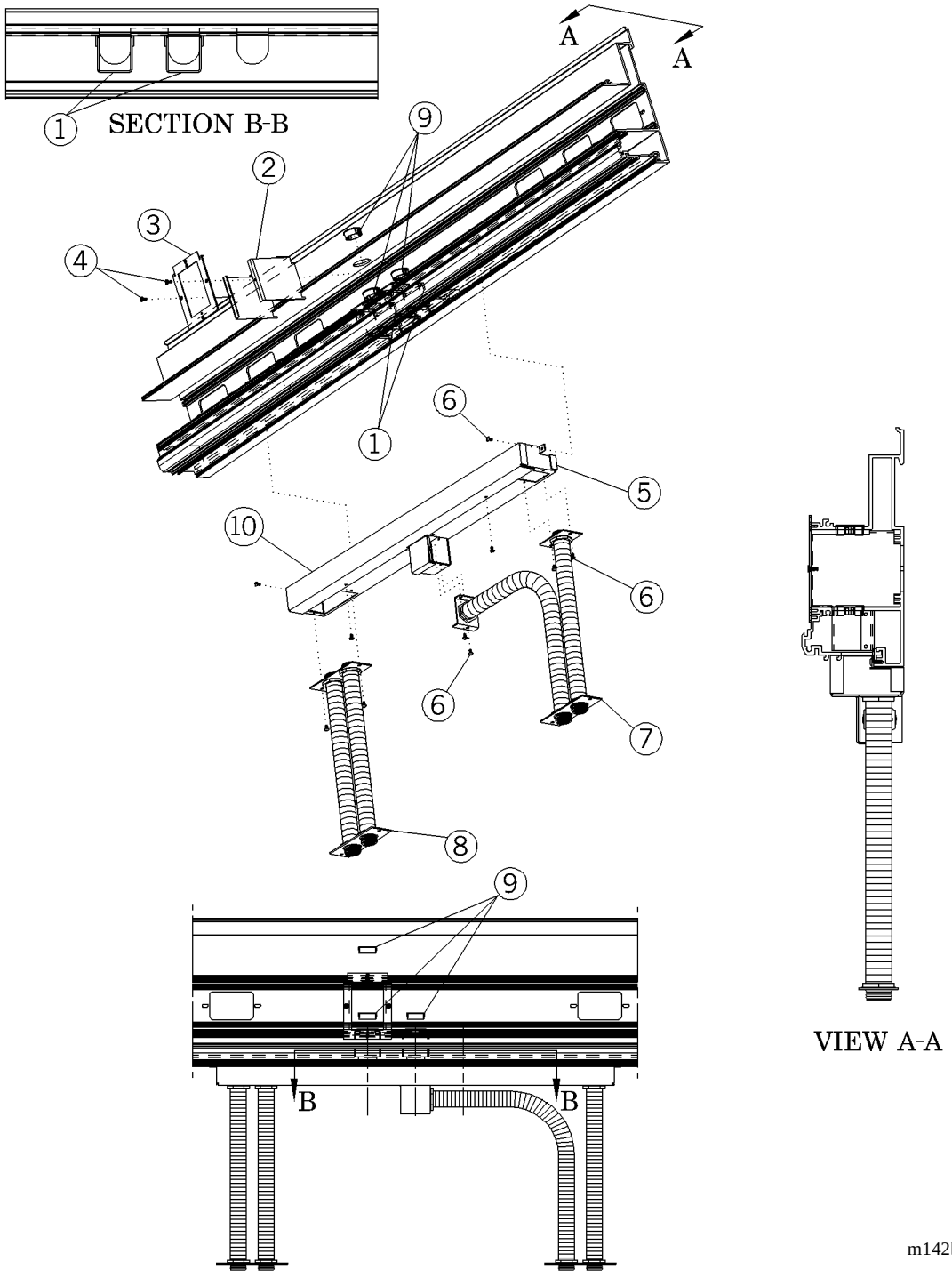


Table 5-96. Provision Option, Bed Locator Assembly—P2002B

Item Number	Part Number	Quantity	Description
1	204071 (2002)	2	Tubing raceway weldment
2	20409001 (2002)	1	Device mount barrier 1-gang 3" (8 cm) long
3	20405601 (2002)	1	Device mount, 1 gang
4	16115 (2002)	2	Screw
5	203431 (2002)	1	Assembly tray
6	52945-02 (2002)	14	Screw
7	203606 (2002)	1	Conduit assembly, high voltage
8	203605 (2002)	1	Conduit assembly, low voltage
9	204091 (2002)	3	Snap bushing
10	203433 (2002)	1	Cover

SideCom® Communication System Cable Connector, Bed Locator (M201620-01)

Figure 5-72. SideCom® Communication System Cable Connector, Bed Locator (M201620-01)

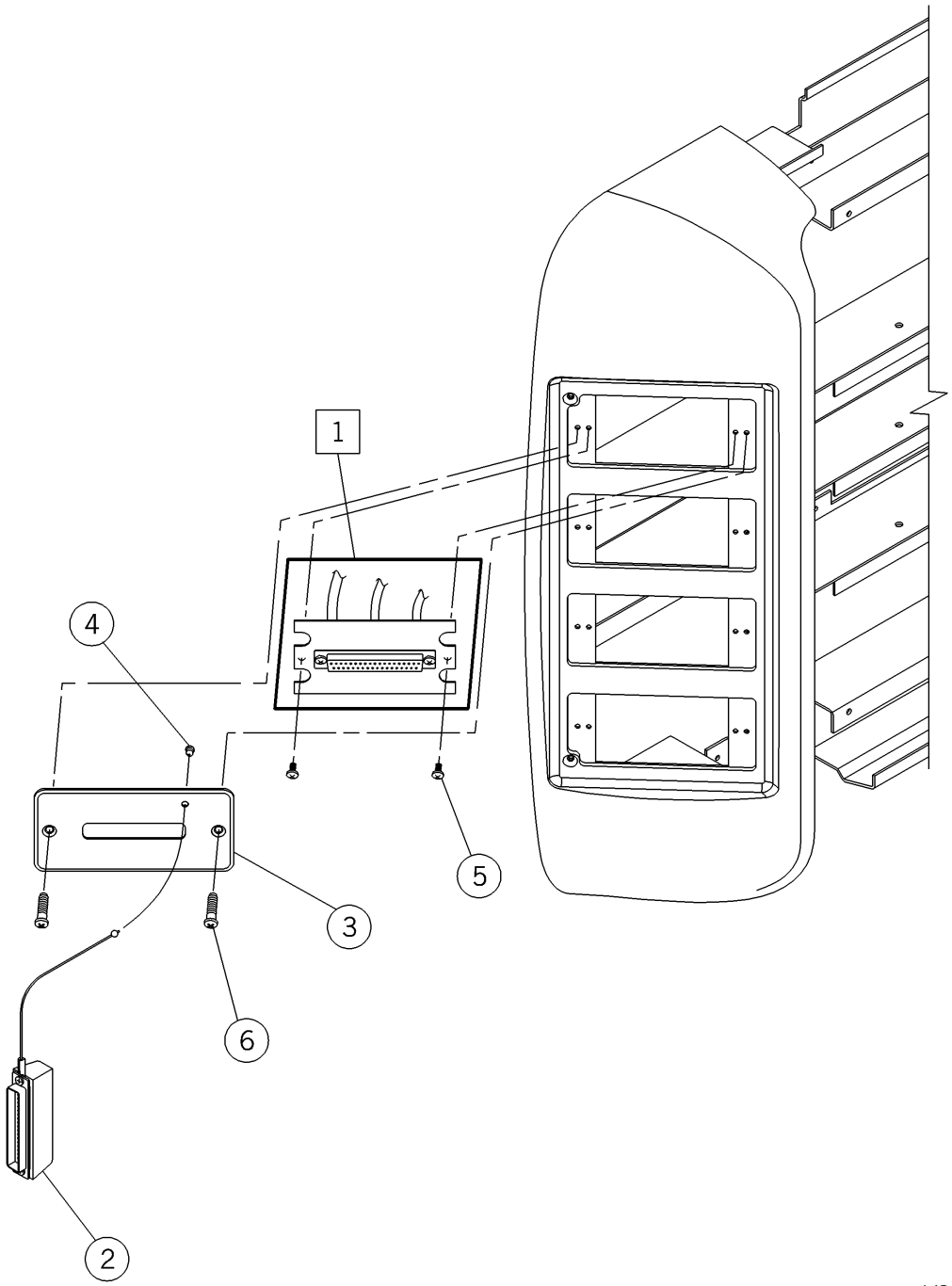


Table 5-97. SideCom® Communication System Cable Connector, Bed Locator (M201620-01)

Item Number	Part Number	Quantity	Description
1	31590-03 (2002)	1	Cable connector ssembly
2	SA1238 (2002)	1	Dummy plug assembly, sleeve
3	52231 (2002)	1	Faceplate, SideCom® Communication System—almond
4	29246 (2002)	1	Sleeve
5	16115 (2002)	2	Screw
6	50590 (2002)	2	Screw

Mounting Plate Socket, Bed Locator (M201620-02)

Figure 5-73. Mounting Plate Socket, Bed Locator (M201620-02)

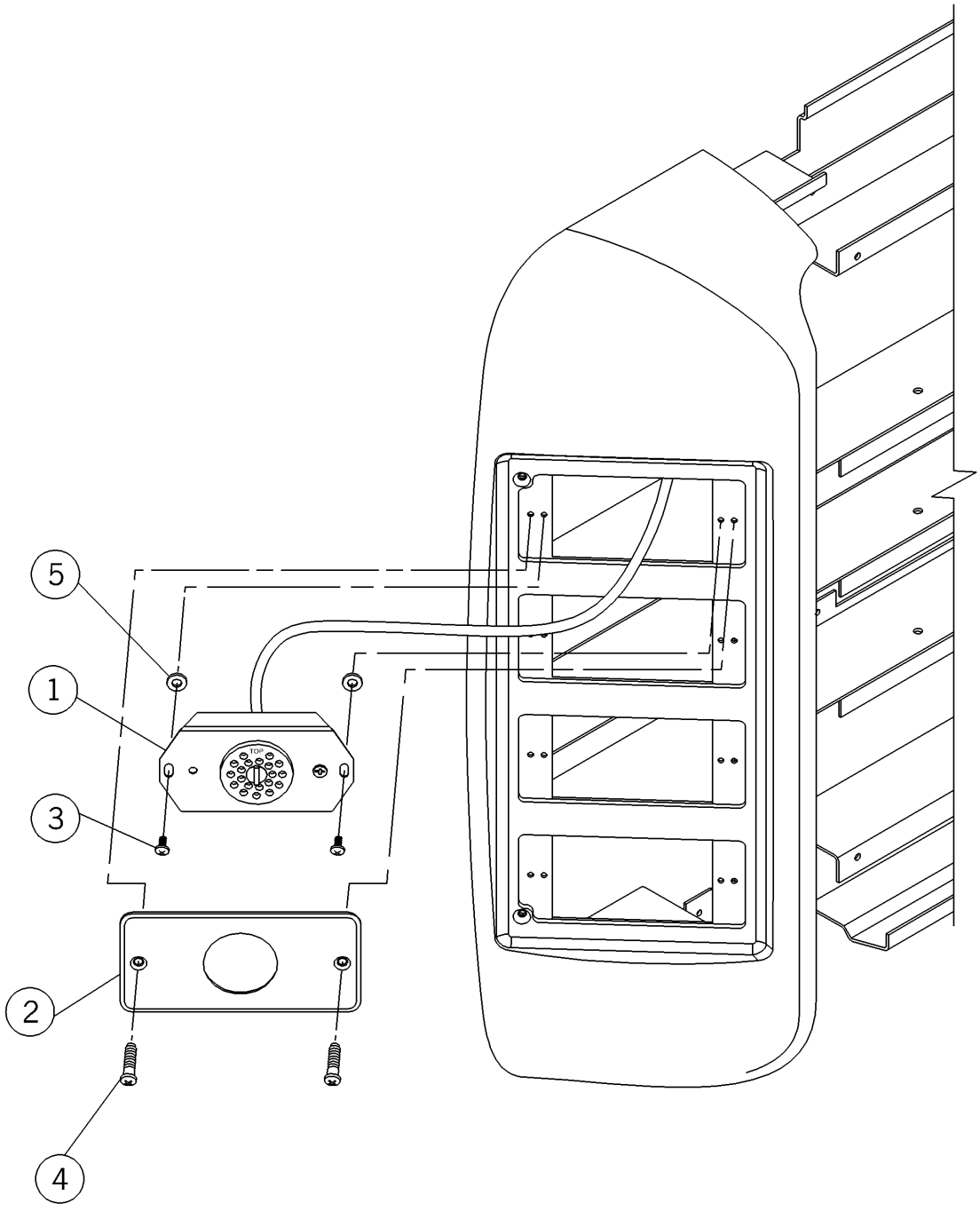


Table 5-98. Mounting Plate Socket, Bed Locator (M201620-02)

Item Number	Part Number	Quantity	Description
1	54594 (2002)	1	Cable connector assembly
2	52228 (2002)	1	Simplex faceplate—almond
3	16115 (2002)	2	Screw
4	50590 (2002)	2	Screw
5	53065-02 (2002)	2	Fiber washer

Lighting Pendant Socket Assembly, Bed Locator (M201620-03)

Figure 5-74. Lighting Pendant Socket Assembly, Bed Locator (M201620-03)

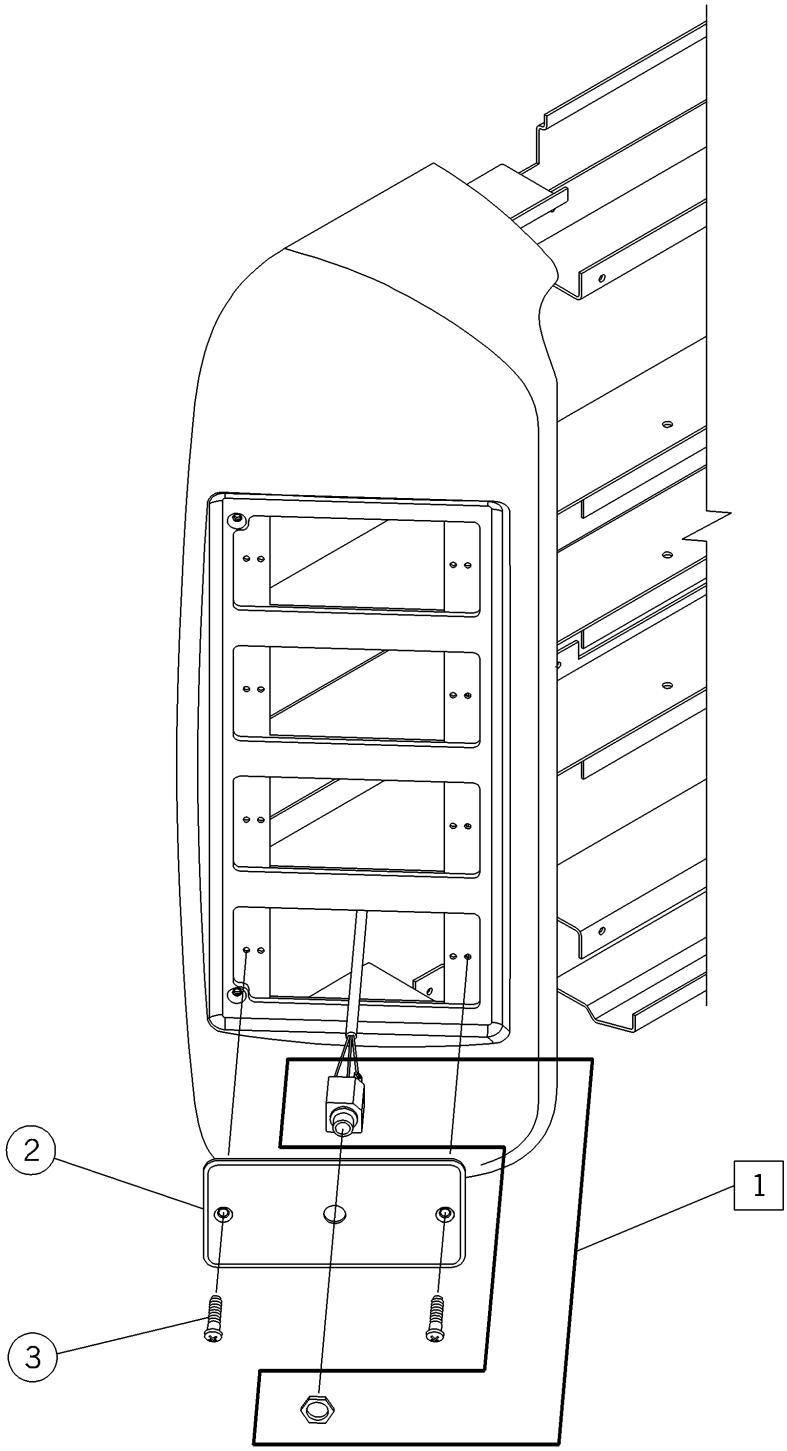


Table 5-99. Lighting Pendant Socket Assembly, Bed Locator (M201620-03)

Item Number	Part Number	Quantity	Description
1	54233 (2002)	1	Socket assembly, lighting pendant
2	54145 (2002)	1	Faceplate socket
3	50590 (2002)	1	Screw

Bed Interface Unit (M201620-05/06/07)

Figure 5-75. Bed Interface Unit (M201620-05/06/07)

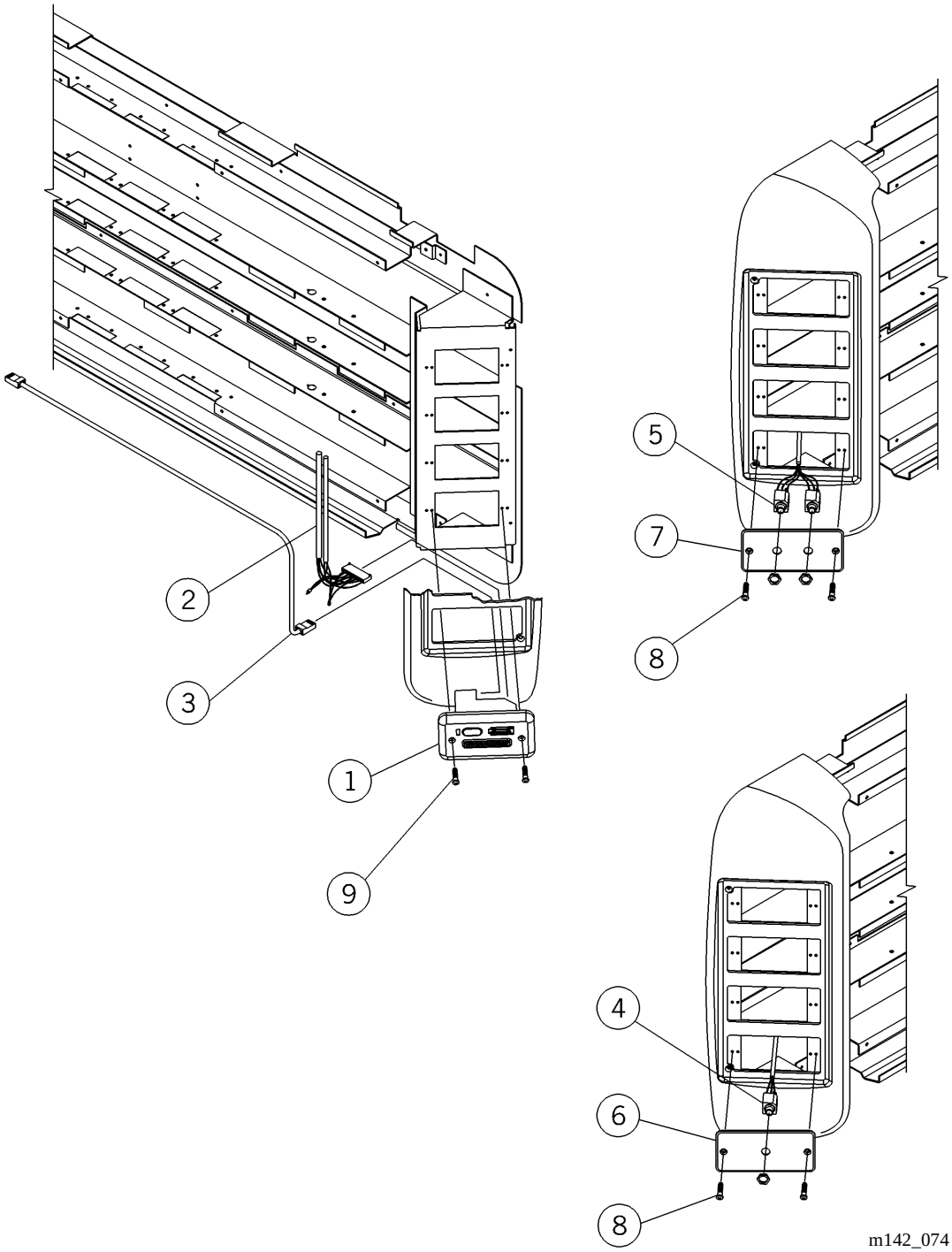


Table 5-100. Bed Interface Unit (M201620-05/06/07)

Item Number	Part Number	Quantity	Description
1	58609 (2002)	1	Bed interface unit, 1 gang
2	Reference	1	Cable assembly, light/TV control
3	Reference	1	Cable assembly, modular plug
4	Reference	1	Cable assembly, alarm, 1 jack
5	Reference	1	Cable assembly, alarm, 2 jack
6	58103 (2002)‡	1	Faceplate, sgl alarm jack, almond
7	58132 (2002)‡‡	1	Faceplate, dbl alarm jack, almond
8	50590 (2002)‡‡‡	2	Screw
9	50891-07 (2002)	2	Screw

‡ Use only on assembly -06.
‡‡ Use only on assembly -07.
‡‡‡ Not used on assembly -05. A quantity of 2 used on assembly -06 and -07.

IV Pole/Infusion Holder (P170002-01)

Figure 5-76. IV Pole/Infusion Holder (P170002-01)

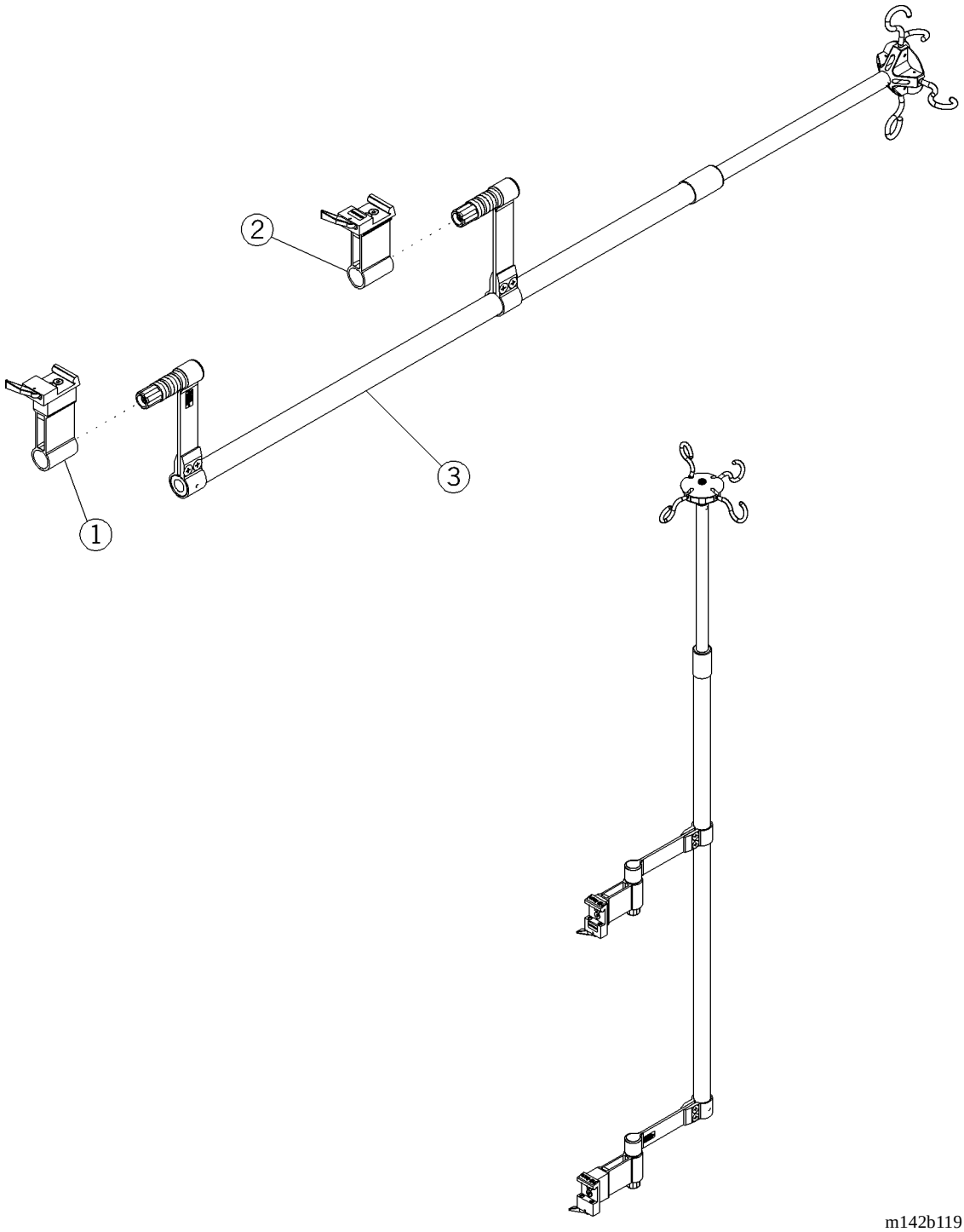


Table 5-101. IV Pole/Infusion Holder (P170002-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-009 (2002)	1	Assembly, holder, universal, large
2	5310-2100-010 (2002)	1	Assembly, holder, universal, small
3	5310-2100-055 (2002)	1	Assembly, pump/IV pole

Utility Mount, Single Post (P170003-01)

Figure 5-77. Utility Mount, Single Post (P170003-01)

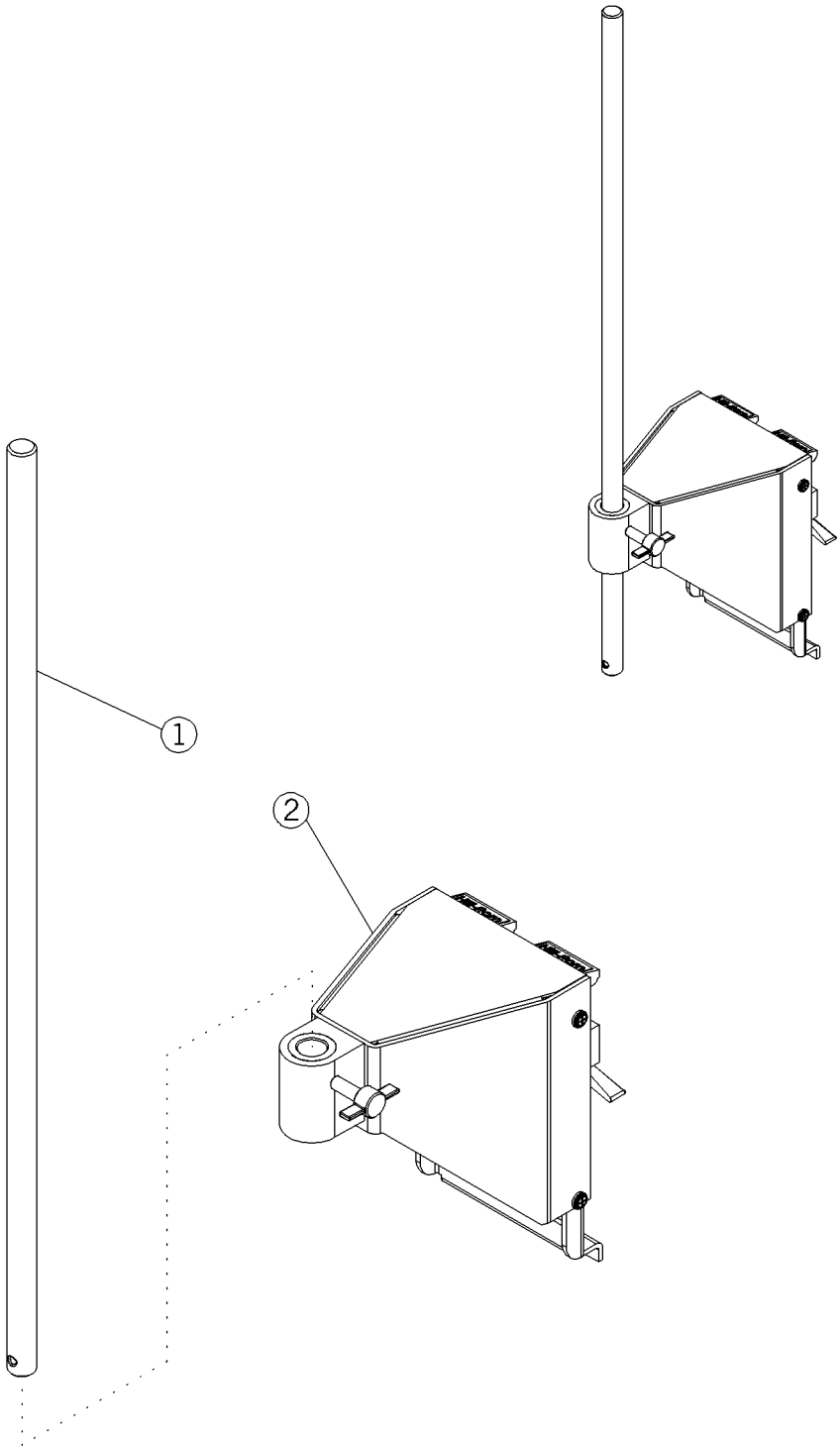


Table 5-102. Utility Mount, Single Post (P170003-01)

Item Number	Part Number	Quantity	Description
1	5310-2000-070 (2002)	1	Support, bar
2	5310-2100-039 (2002)	1	Utility mount post type

Utility Mount, Dual Post (P170004-01)

Figure 5-78. Utility Mount, Dual Post (P170004-01)

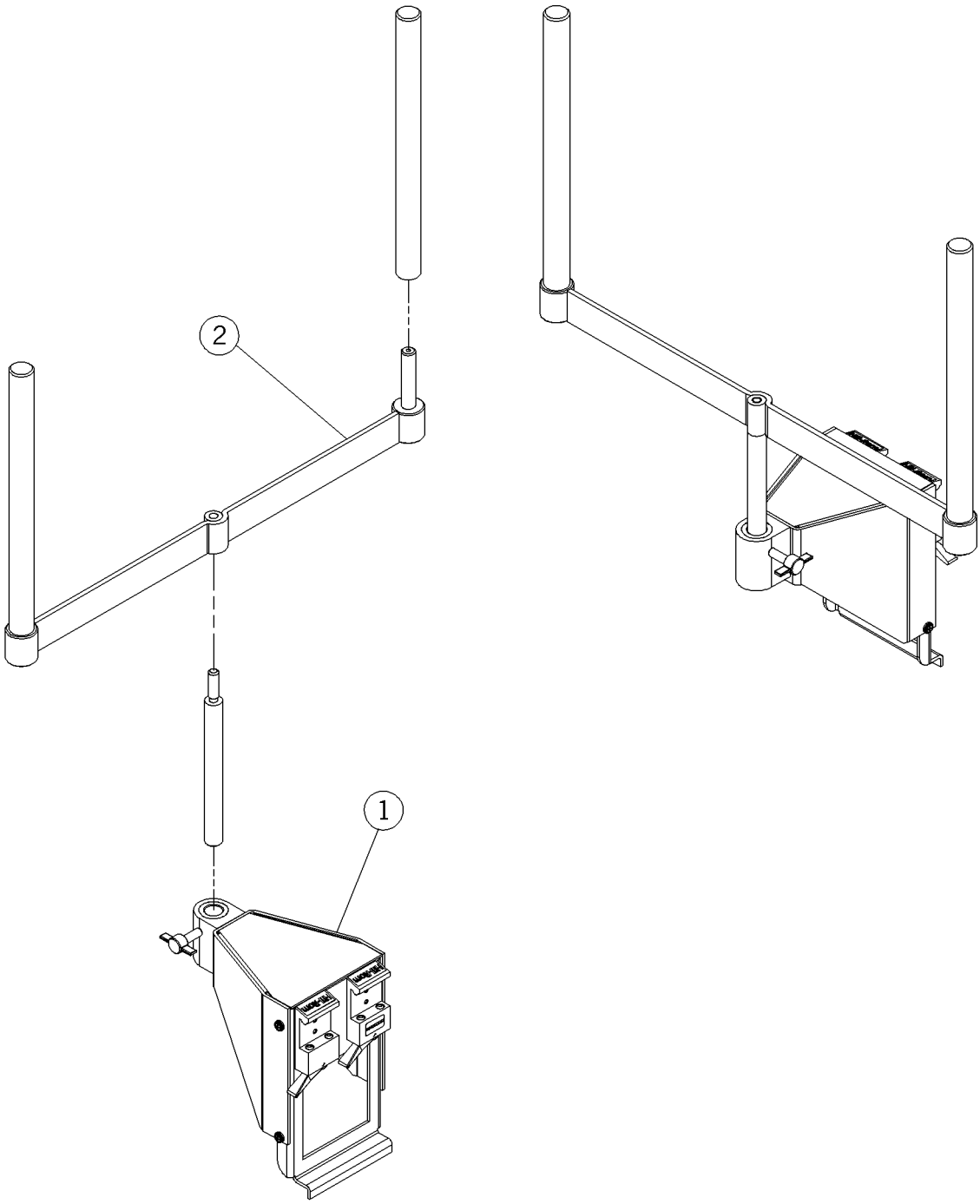


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Table 5-103. Utility Mount, Dual Post (P170004-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-039 (2002)	1	Utility mount post type
2	5310-2100-049 (2002)	1	Assembly, post dual

Utility/Universal Holder, Short Post (P170005-01)

Figure 5-79. Utility/Universal Holder, Short Post (P170005-01)

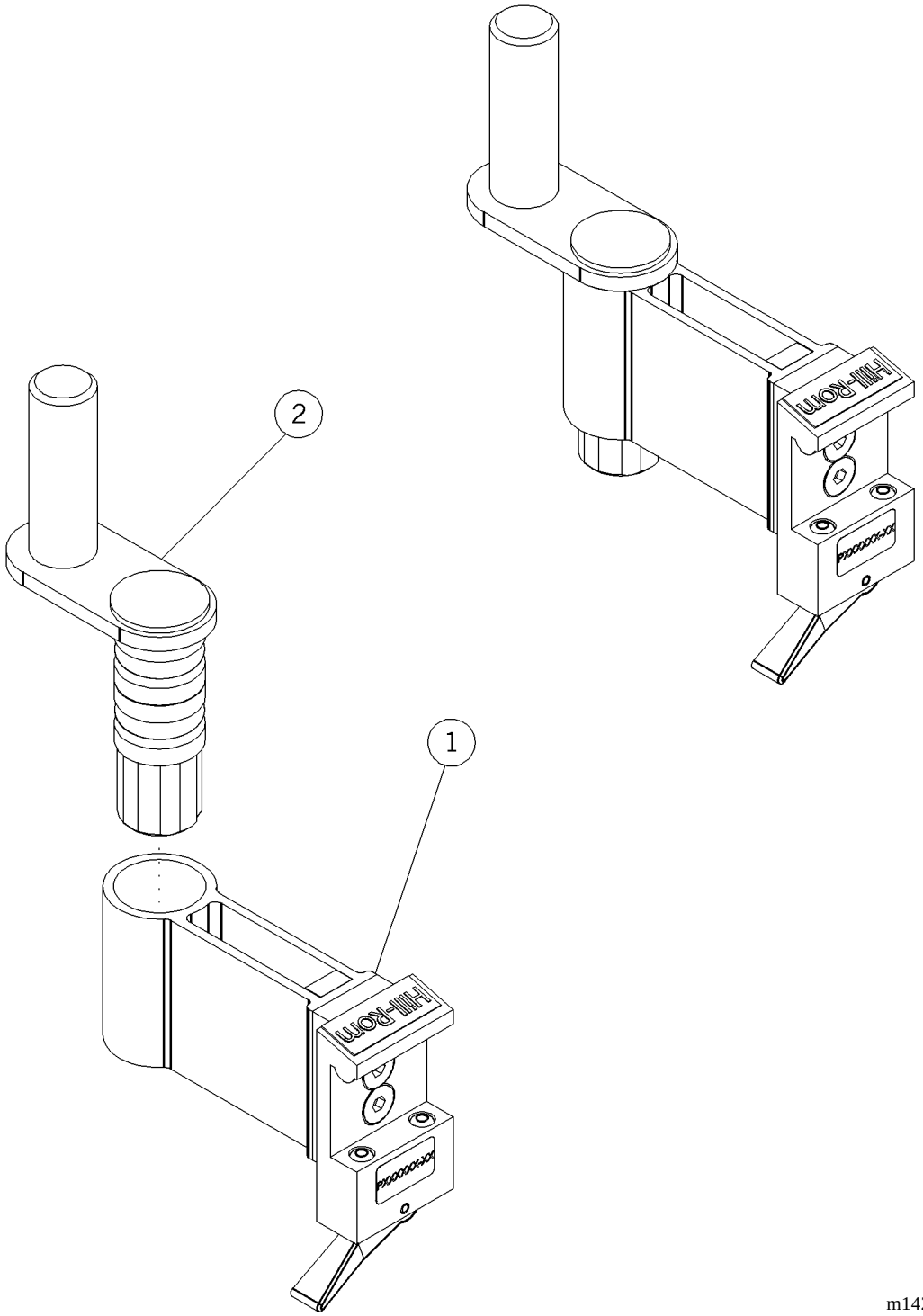

Table 5-104. Utility/Universal Holder, Short Post (P170005-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-010 (2002)	1	Assembly, holder, universal, small
2	5310-2100-050 (2002)	1	Assembly, short post, utility mount

Universal Holder Assembly, Small (P170006-01)

Figure 5-80. Universal Holder Assembly, Small (P170006-01)

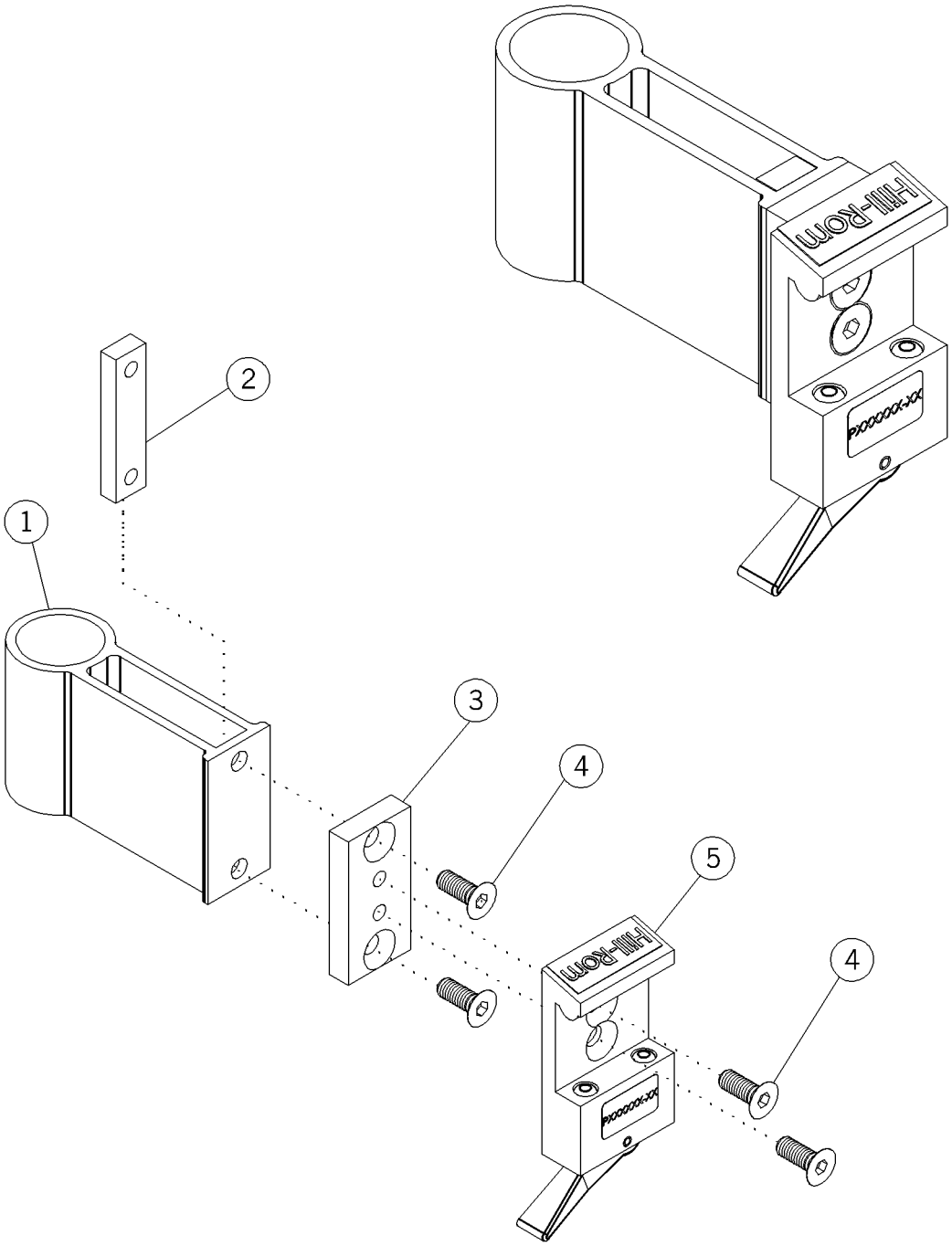

Table 5-105. Universal Holder Assembly, Small (P170006-01)

Item Number	Part Number	Quantity	Description
1	5310-2000-015 (2002)	1	Holder—984
2	5310-2000-017 (2002)	1	Nut block, 984 holder
3	5310-2000-019 (2002)	1	Small spacer, 984 holder
4	5890-1009-000 (2002)	4	Screw
5	5110-3001-000 (2002)	1	Adaptor

Swing Arm Ventilator Mount (P170008-01)

Figure 5-81. Swing Arm Ventilator Mount (P170008-01)

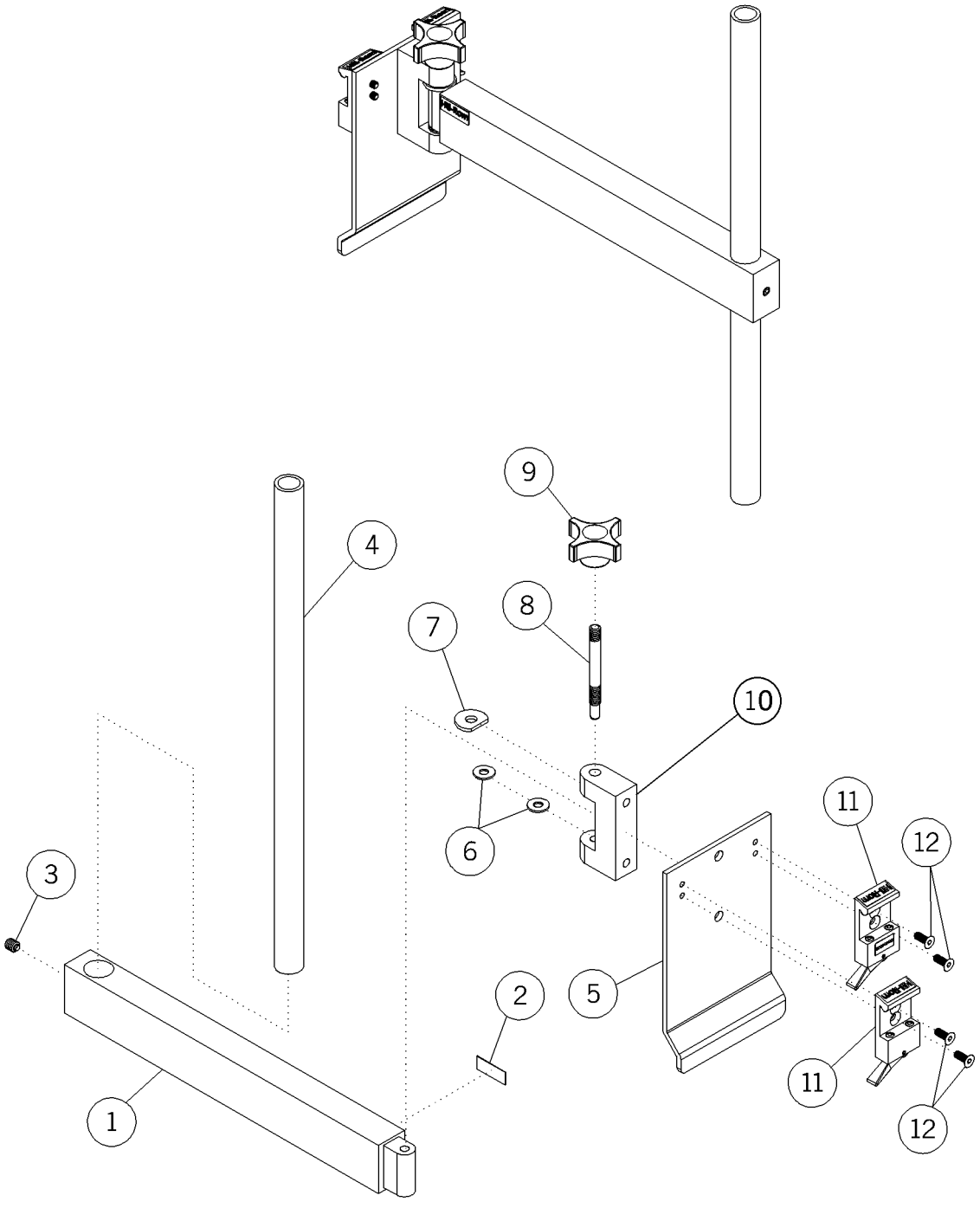

Table 5-106. Swing Arm Ventilator Mount (P170008-01)

Item Number	Part Number	Quantity	Description
1	5115-2158-000 (2002)	1	Pole, swing arm
2	6812-0010-026 (2002)	1	Label
3	5890-1515-000 (2002)	1	Screw
4	5515-3022-000 (2002)	1	Pole, tube
5	5310-2000-036 (2002)	1	Bracket, swing arm holder plate
6	5891-0108-000 (2002)	2	Nylon washer
7	5891-0109-000 (2002)	1	Nylon washer
8	5115-3057-000 (2002)	1	Stainless steel pole
9	5892-0011-000 (2002)	1	4 prong knob
10	5115-3056-000 (2002)	1	Block, pole swing arm
11	5110-3001-000 (2002)	2	Adapter
12	5890-1009-000 (2002)	4	Screw

Resuscitator Bag Holder Assembly (P170009-01)

Figure 5-82. Resuscitator Bag Holder Assembly (P170009-01)

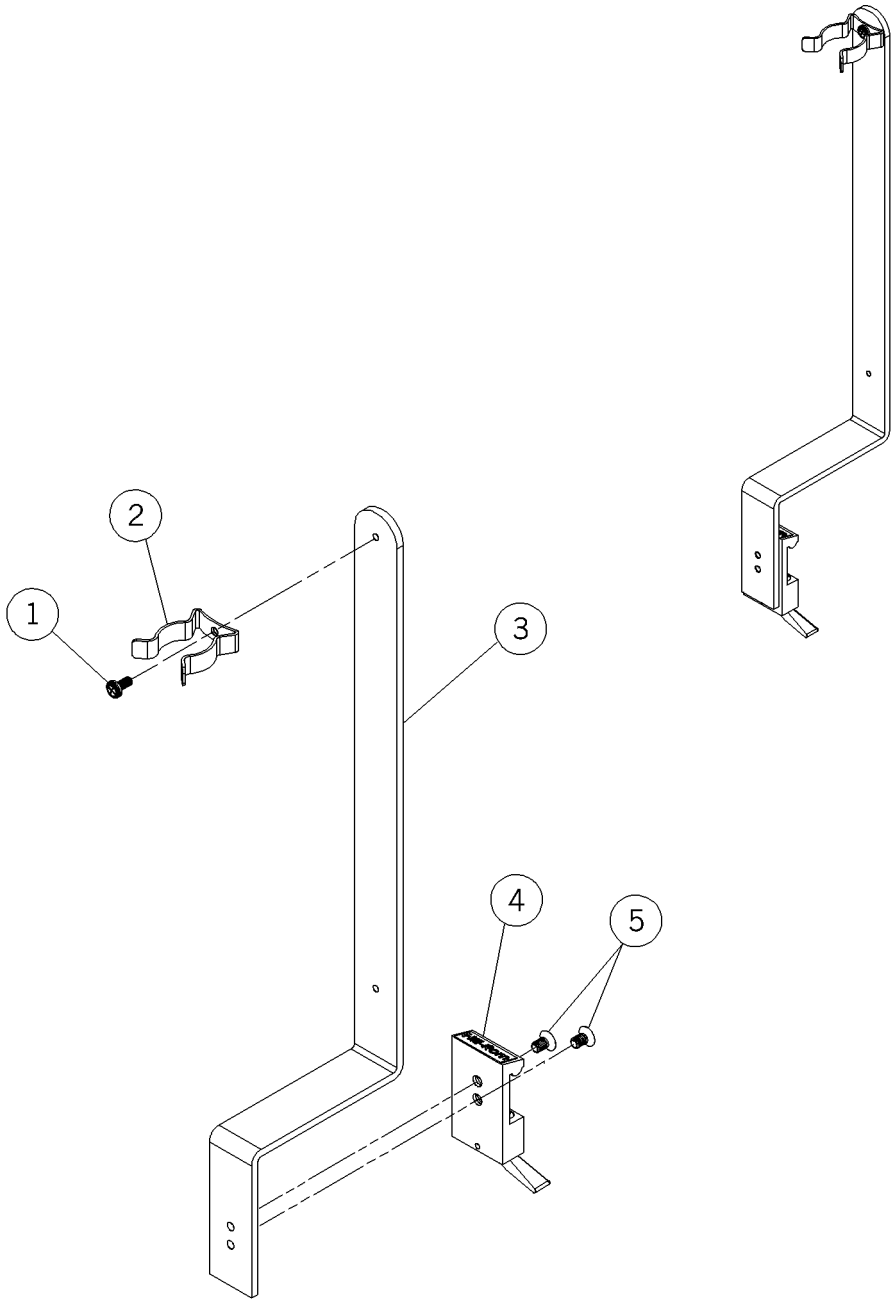

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Table 5-107. Resuscitator Bag Holder Assembly (P170009-01)

Item Number	Part Number	Quantity	Description
1	5890-0064-000 (2002)	1	Screw
2	5892-0041-000 (2002)	1	Clip
3	5310-2000-020 (2002)	1	Bracket, mercury sphygmo
4	5310-2100-052 (2002)	1	Adapter
5	5890-1007-000 (2002)	2	Screw

Stackable Basket Assembly (P170101-01)

Figure 5-83. Stackable Basket Assembly (P170101-01)

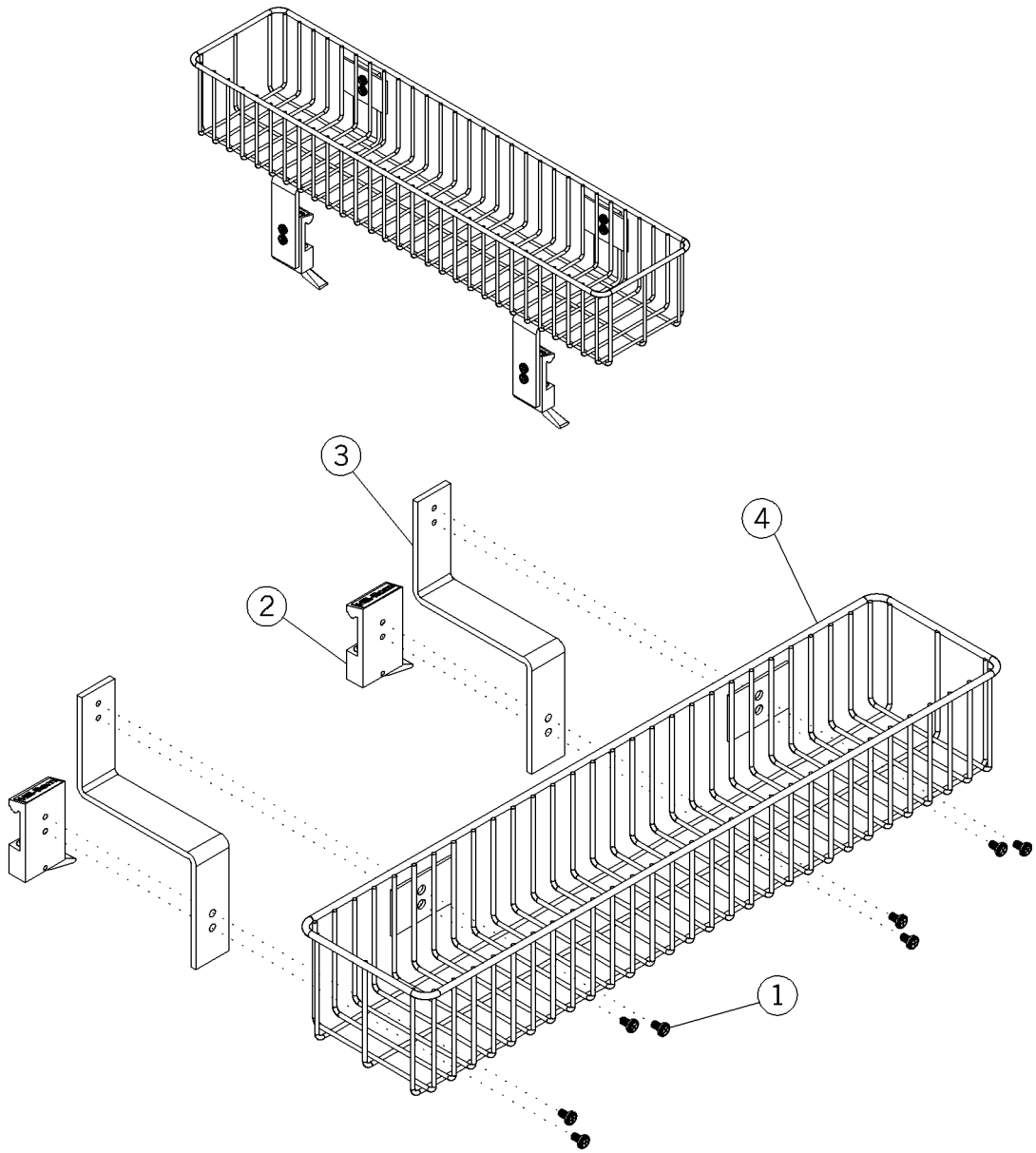

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Table 5-108. Stackable Basket Assembly (P170101-01)

Item Number	Part Number	Quantity	Description
1	5890-0066-000 (2002)	8	Screw
2	5310-2100-053 (2002)	2	Adapter
3	5310-2000-049 (2002)	2	Bracket, basket short
4	5310-2000-047 (2002)	1	Basket, stackable

Storage Basket—Large, Divided-Up (P170102-01)

Figure 5-84. Storage Basket—Large, Divided-Up (P170102-01)

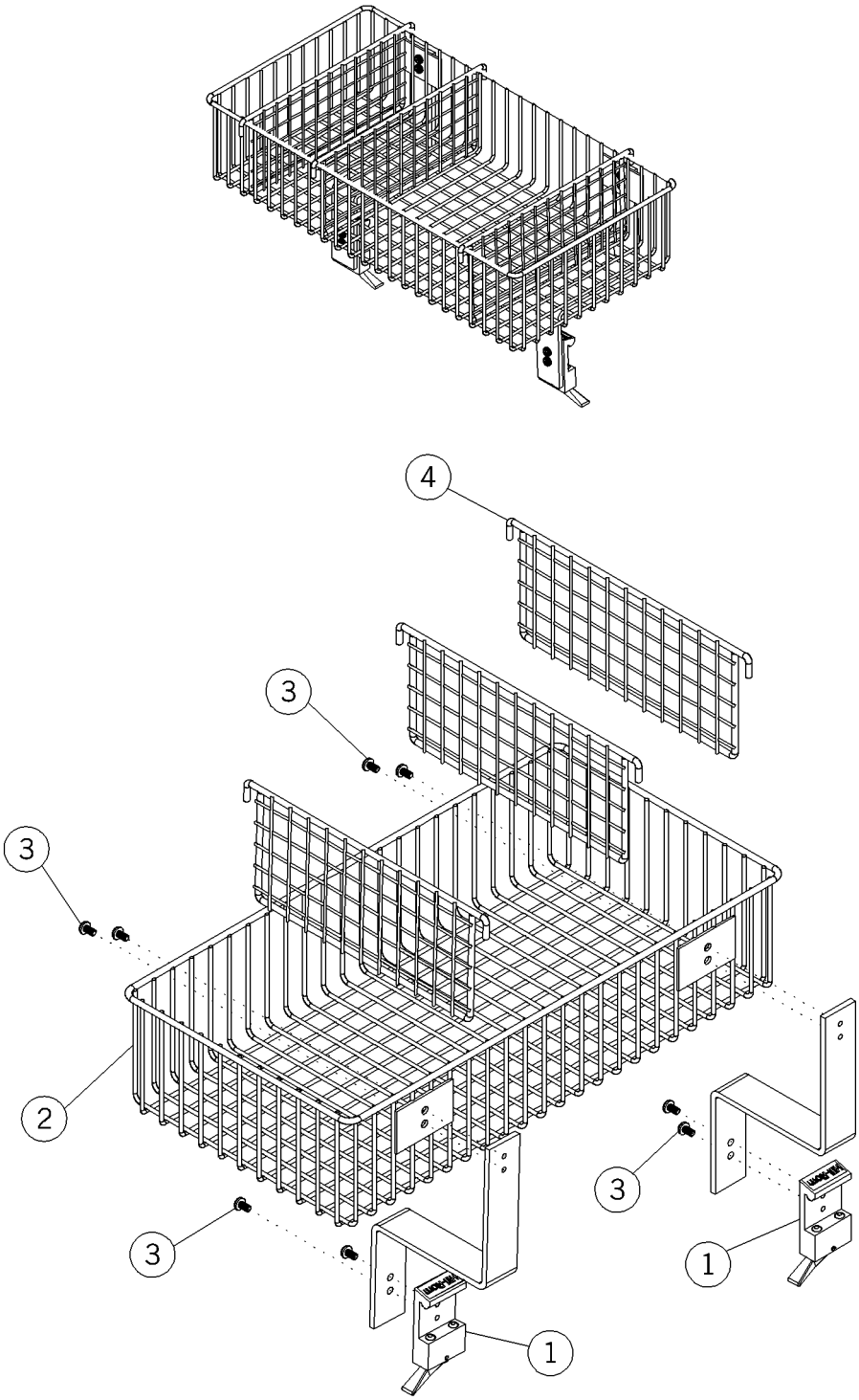

Table 5-109. Storage Basket—Large, Divided-Up (P170102-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-053 (2002)	2	Adapter
2	5310-2000-050 (2002)	1	Basket, universal organizer
3	5890-0066-000 (2002)	8	Screw
4	5310-2000-048 (2002)	3	Wire, basket divider

Storage Basket—Large, Divided-Up (P170102-02)

Figure 5-85. Storage Basket—Large, Divided-Up (P170102-02)

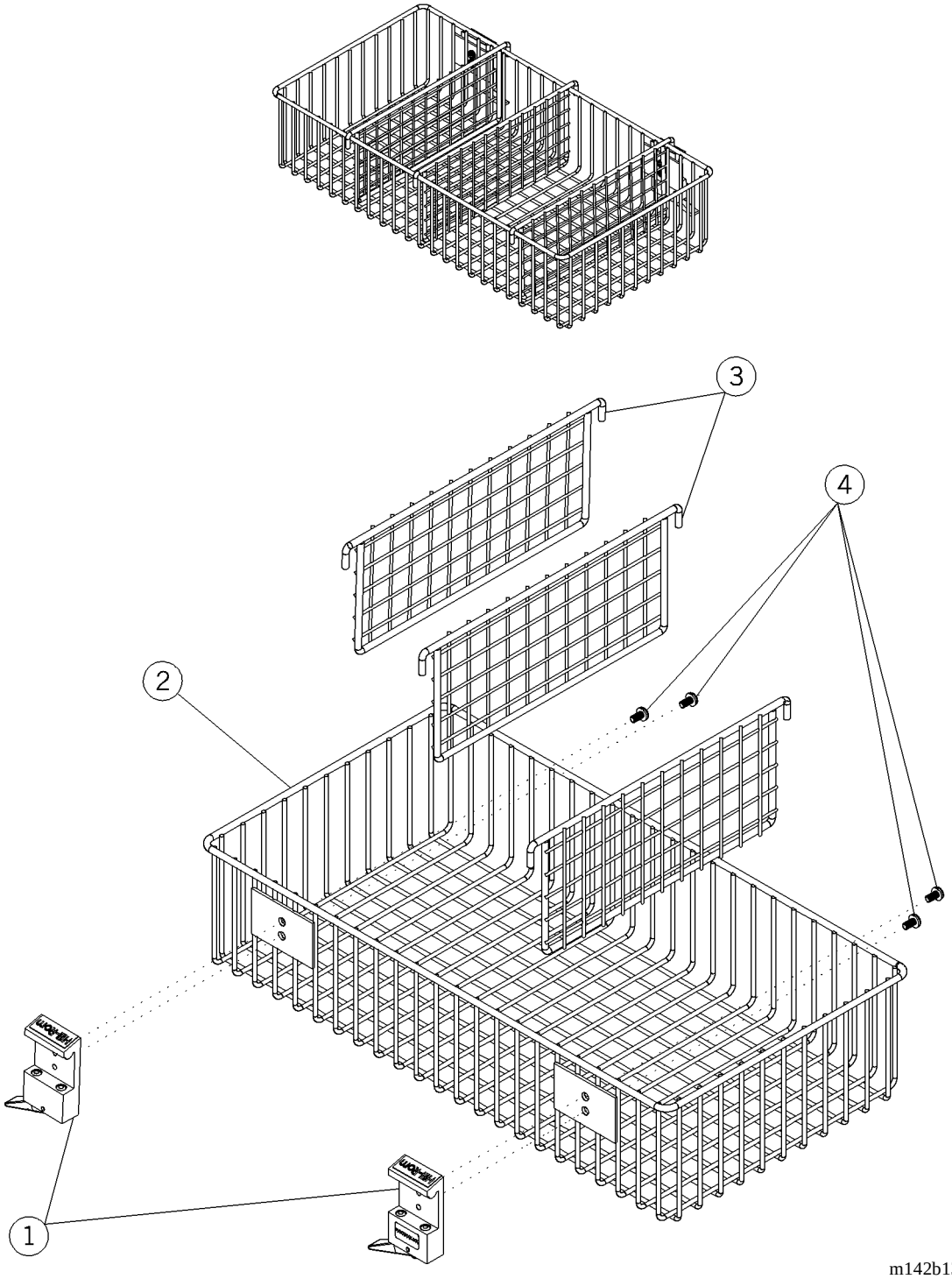

Table 5-110. Storage Basket—Large, Divided-Up (P170102-02)

Item Number	Part Number	Quantity	Description
1	5110-3002-000 (2002)	2	Adapter
2	5310-2000-050 (2002)	1	Basket, universal, organizer
3	5310-2000-048 (2002)	3	Wire, basket divider
4	5890-0066-000 (2002)	4	Screw

Storage Basket (P170103-01)

Figure 5-86. Storage Basket (P170103-01)

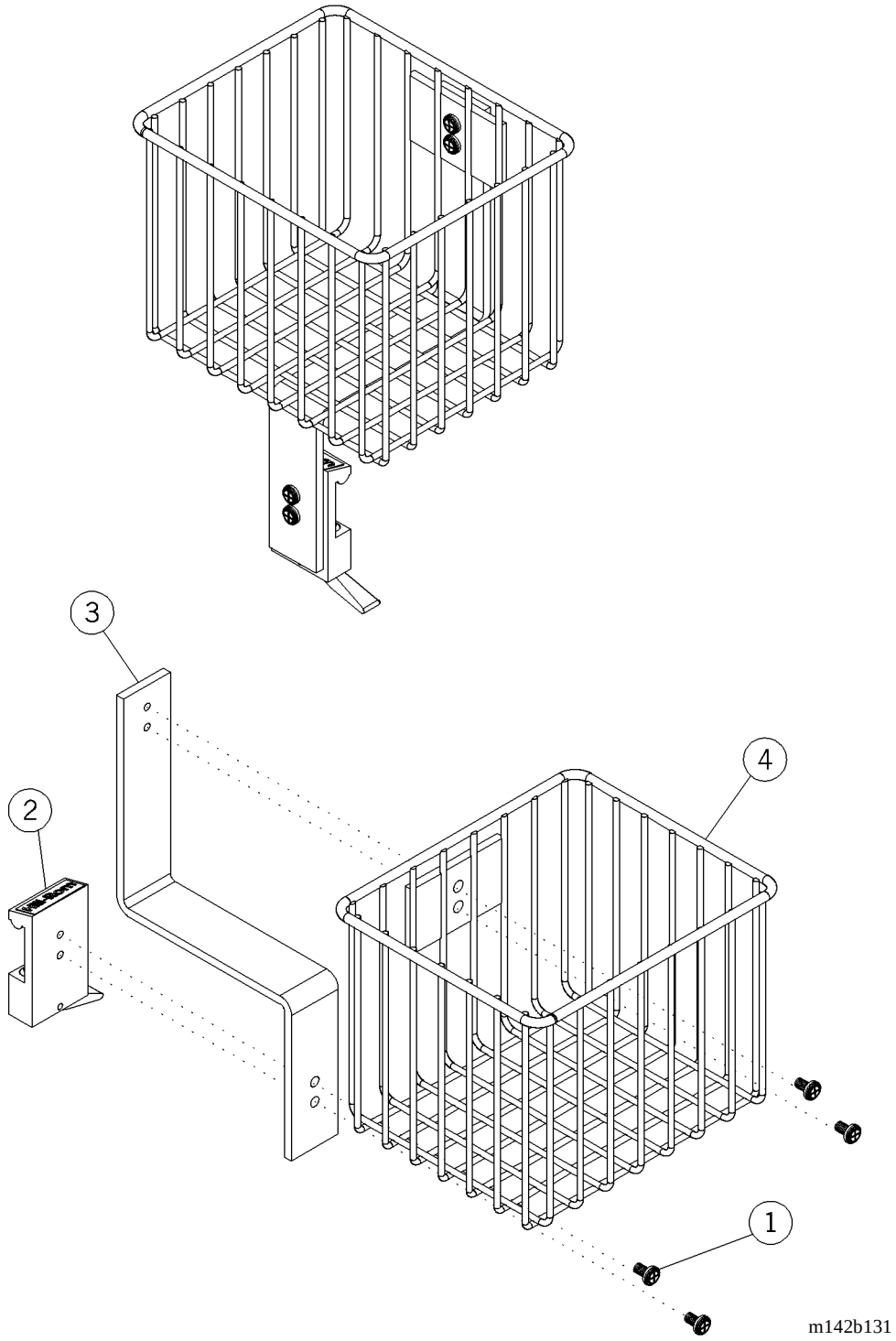

Table 5-111. Storage Basket (P170103-01)

Item Number	Part Number	Quantity	Description
1	5890-0066-000 (2002)	4	Screw
2	5310-2100-053 (2002)	1	Adapter
3	5310-2000-011 (2002)	1	Bracket, basket
4	5310-2000-046 (2002)	1	Basket

Storage Basket (P170103-02)

Figure 5-87. Storage Basket (P170103-02)

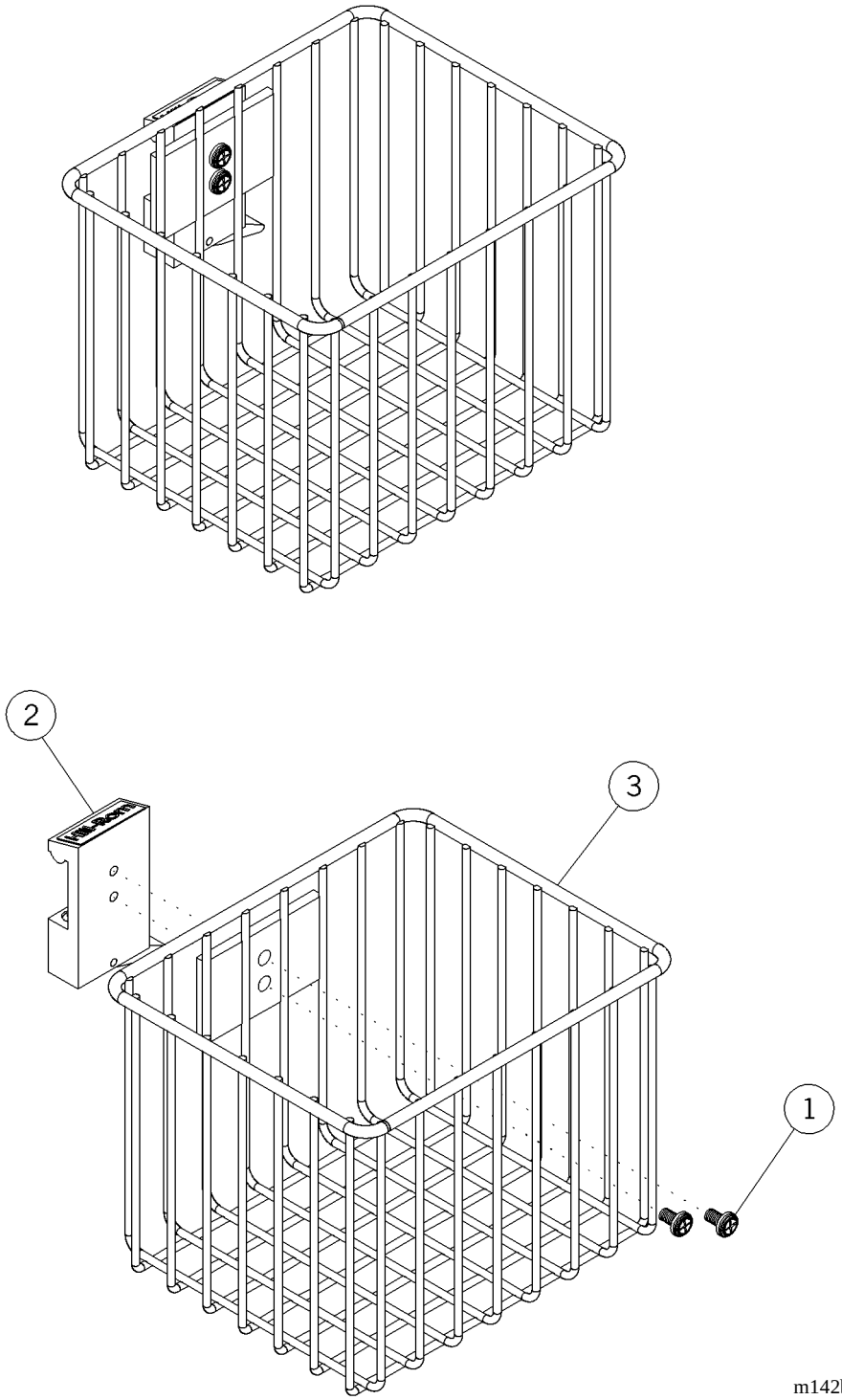

Table 5-112. Storage Basket (P170103-02)

Item Number	Part Number	Quantity	Description
1	5890-0066-000 (2002)	2	Screw
2	5110-3002-000 (2002)	1	Adapter
3	5310-2000-046 (2002)	1	Basket

Basket Assembly (P170104-01)

Figure 5-88. Basket Assembly (P170104-01)

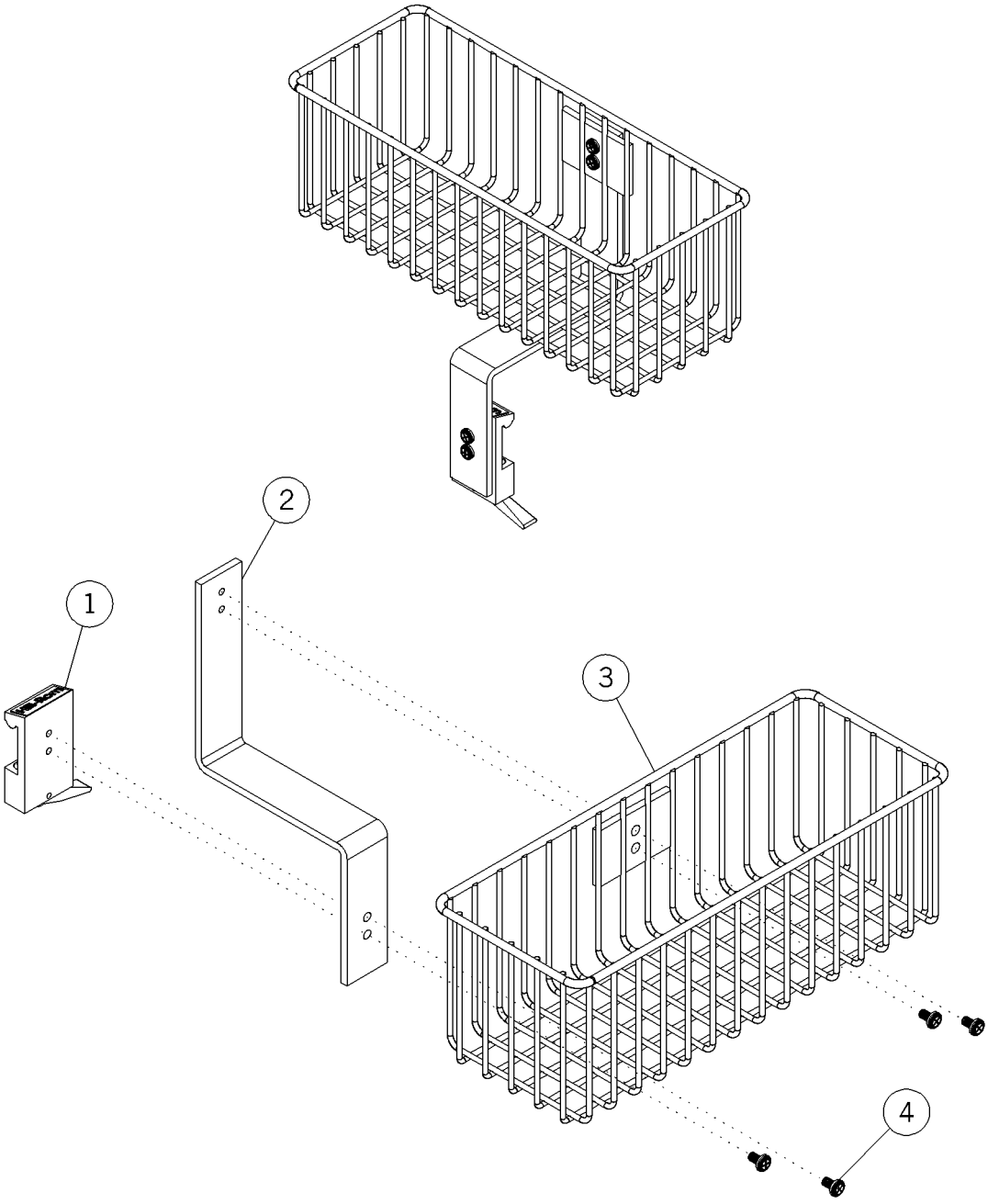

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Table 5-113. Basket Assembly (P170104-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-053 (2002)	1	Adapter
2	5310-2000-011 (2002)	1	Bracket, basket
3	5310-2000-044 (2002)	1	Basket
4	5890-0066-000 (2002)	4	Screw

Storage Basket (P170104-02)

Figure 5-89. Storage Basket (P170104-02)

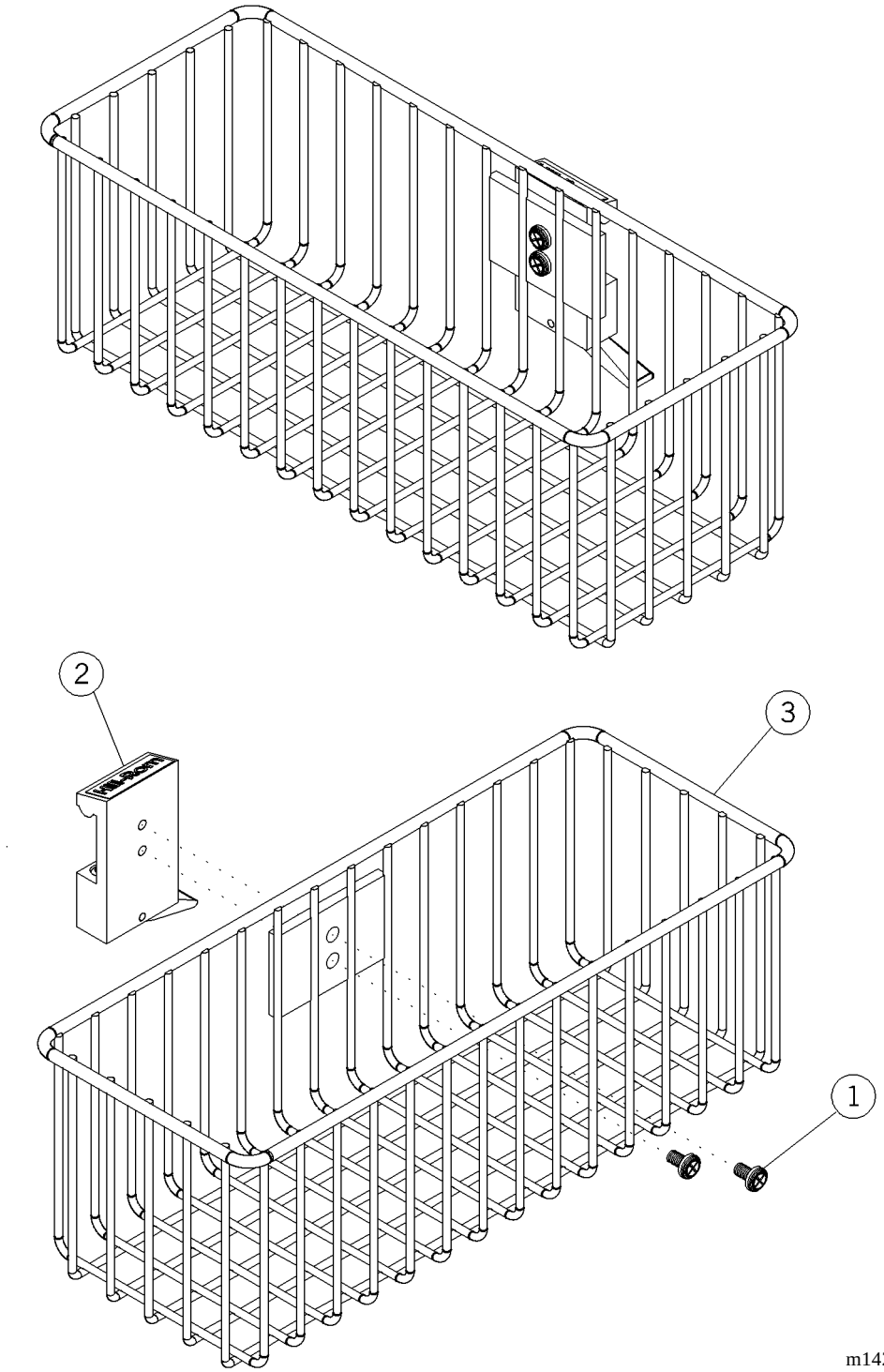

Table 5-114. Storage Basket (P170104-02)

Item Number	Part Number	Quantity	Description
1	5890-0066-000 (2002)	2	Screw
2	5110-3002-000 (2002)	1	Adapter
3	5310-2000-044 (2002)	1	Basket, short

CC Basket Assembly, Swivel (P170105-01)

Figure 5-90. CC Basket Assembly, Swivel (P170105-01)

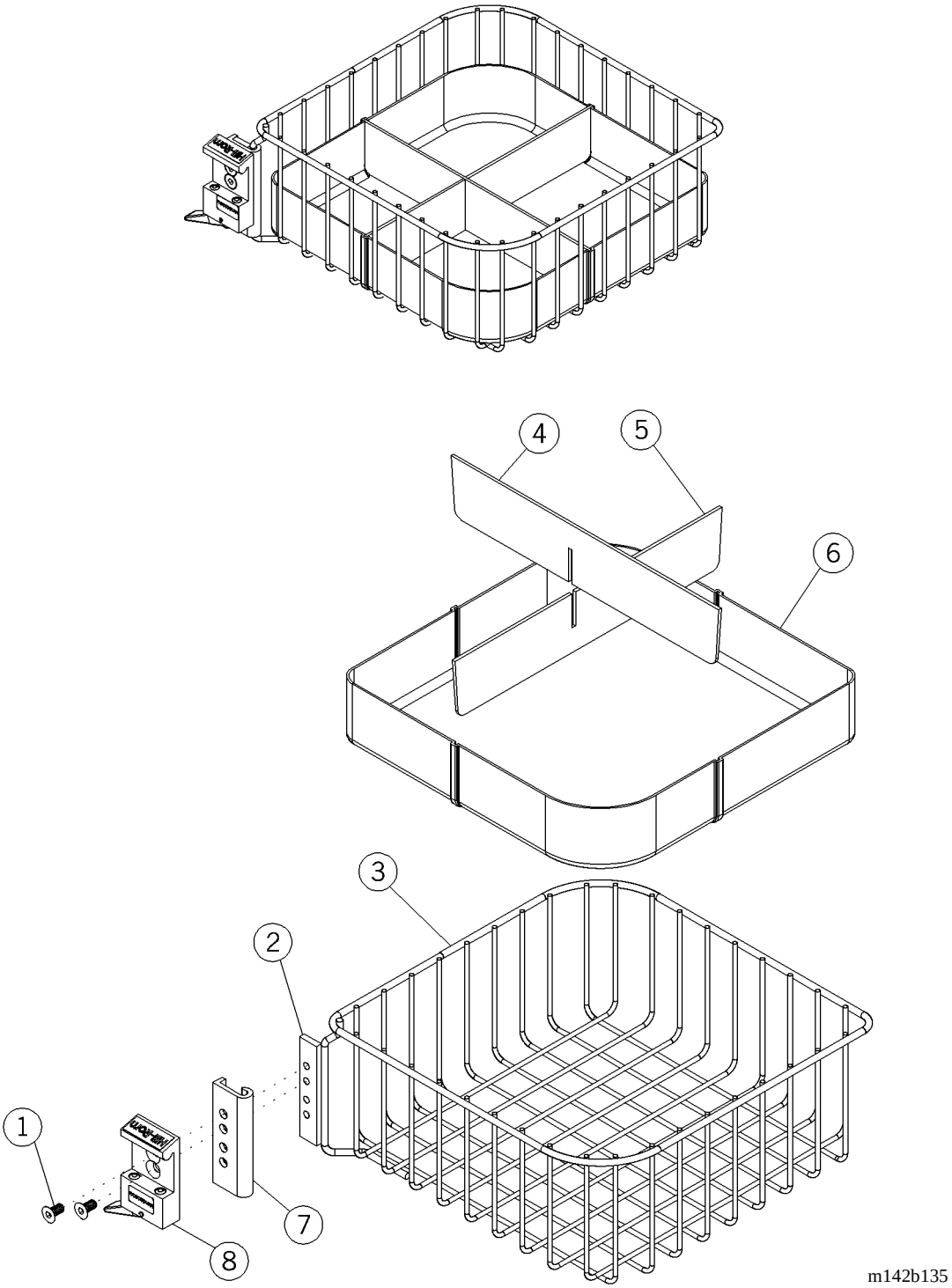

Table 5-115. CC Basket Assembly, Swivel (P170105-01)

Item Number	Part Number	Quantity	Description
1	5890-1008-000 (2002)	2	Screw
2	5310-2000-053 (2002)	1	Part, CC basket hinge plate
3	5310-2000-039 (2002)	1	Basket, wire, CC cart
4	5310-2000-059 (2002)	1	Divider, CC basket, upper
5	5310-2000-060 (2002)	1	Divider, CC basket, lower
6	5310-2000-058 (2002)	1	Liner, CC basket
7	5310-2000-052 (2002)	1	Part, CC basket hinge hook
8	5110-3001-000 (2002)	1	Adapter

Chart Holder, Stackable (P170110-01)

Figure 5-91. Chart Holder, Stackable (P170110-01)

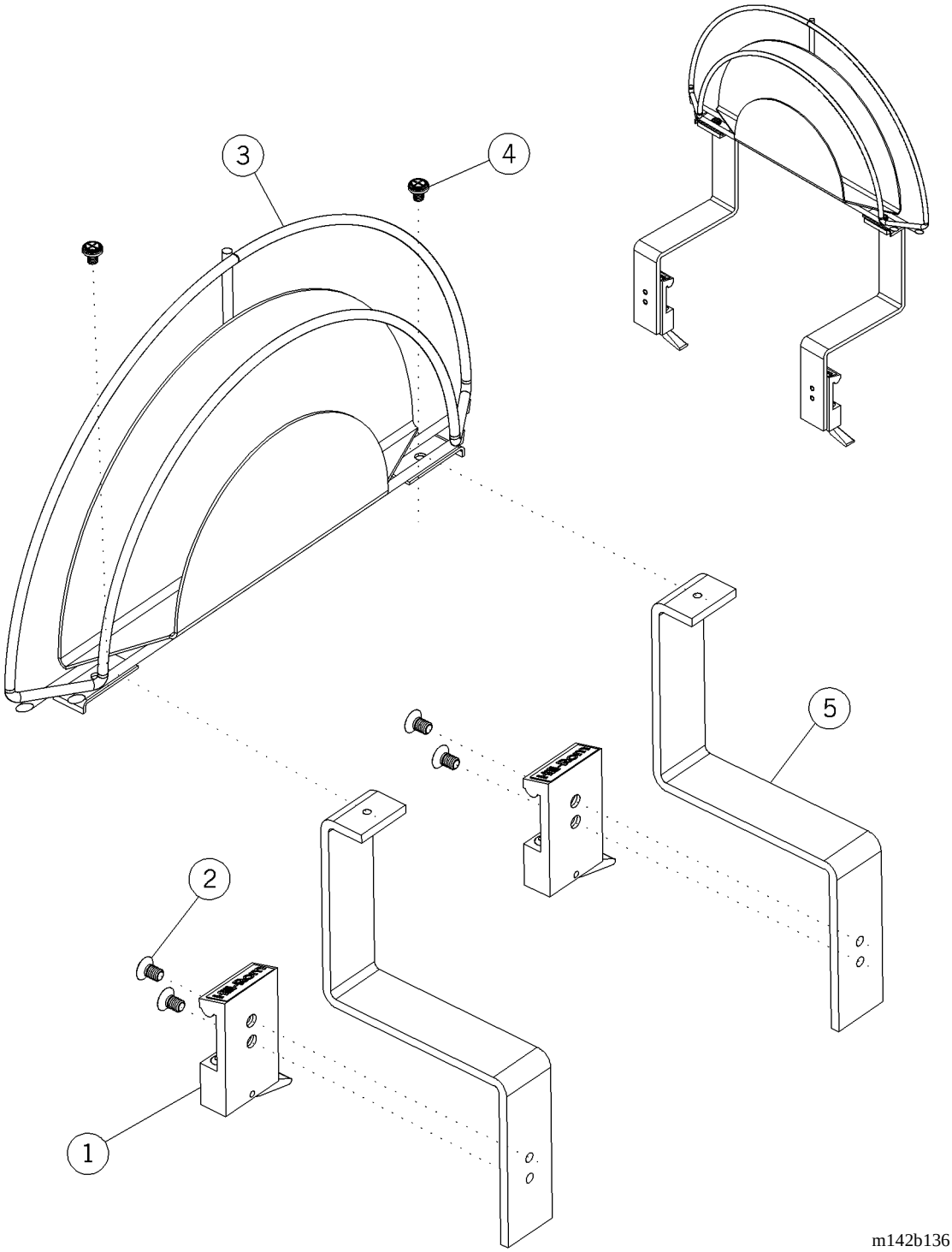

Table 5-116. Chart Holder, Stackable (P170110-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-052 (2002)	2	Adapter
2	5890-1007-000 (2002)	4	Screw
3	5310-2100-023 (2002)	1	Weldment, chart holder stackable
4	5890-0061-000 (2002)	2	Screw
5	5310-2000-035 (2002)	2	Bracket, chart holder halo

Chart Holder, Wire (P170111-01)

Figure 5-92. Chart Holder, Wire (P170111-01)

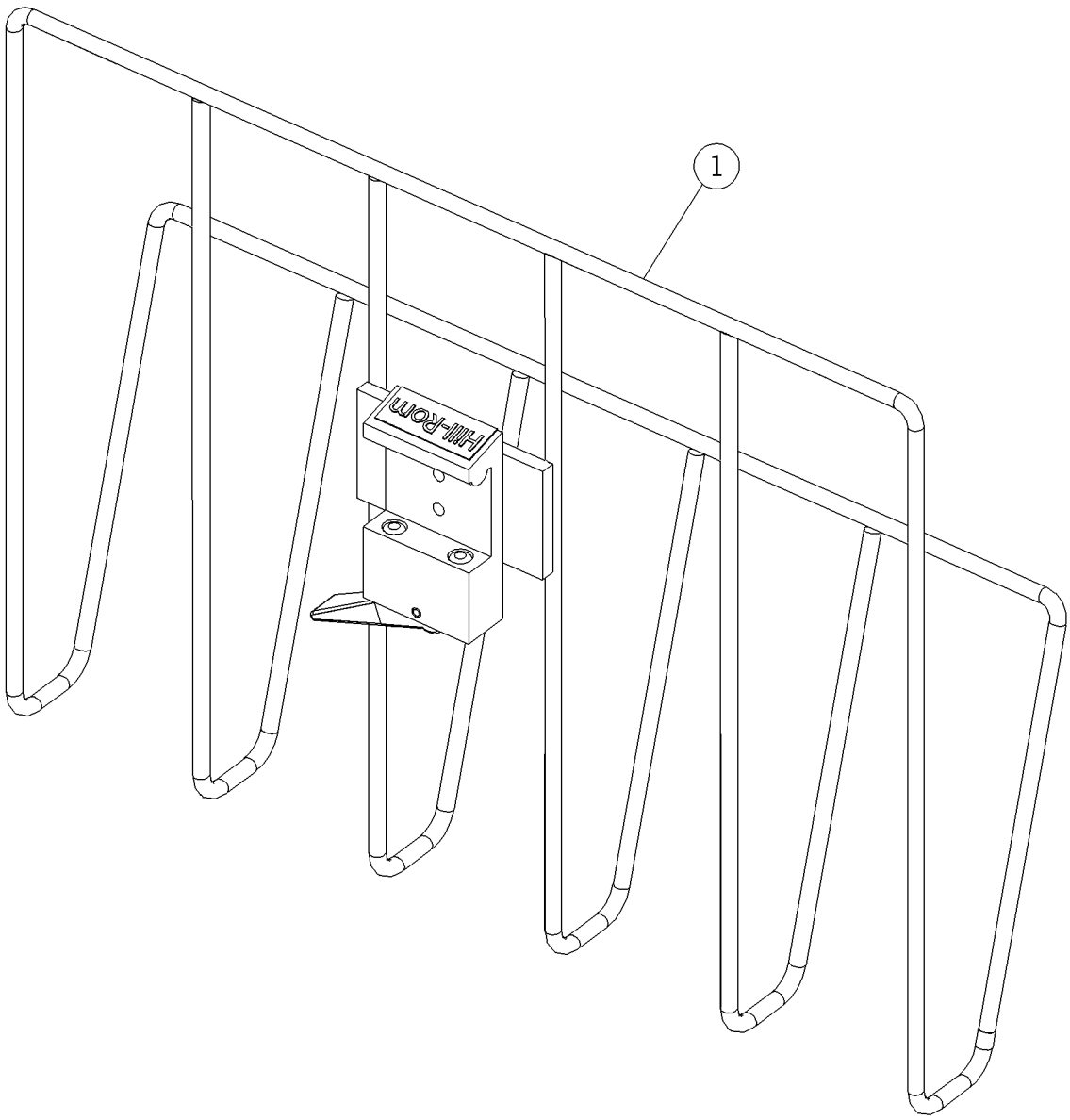

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Table 5-117. Chart Holder, Wire (P170111-01)

Item Number	Part Number	Quantity	Description
1	5331-0007-000 (2002)	1	Chart holder—wire

Sharps Mount Assembly (P170120-01)

Figure 5-93. Sharps Mount Assembly (P170120-01)

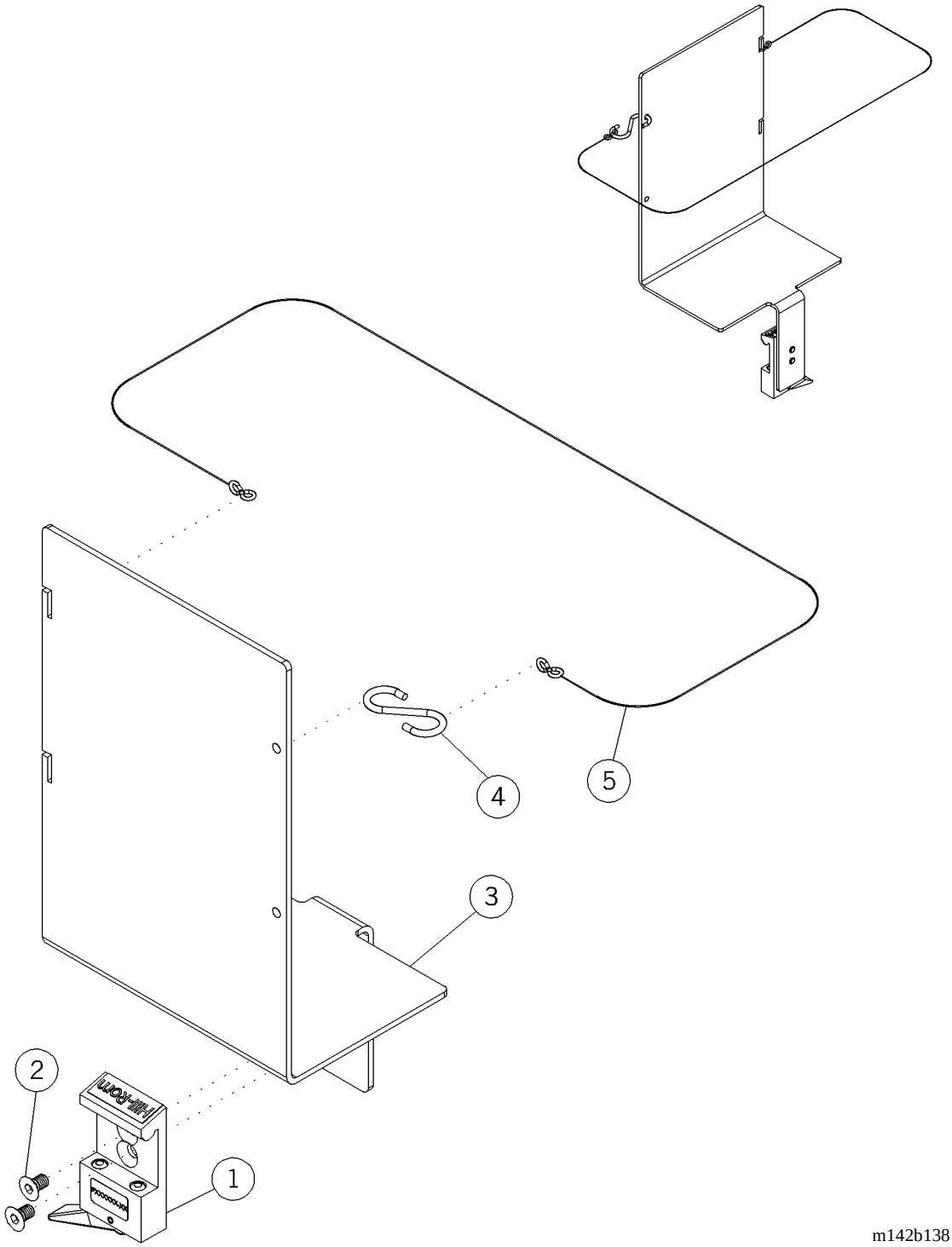

Table 5-118. Sharps Mount Assembly (P170120-01)

Item Number	Part Number	Quantity	Description
1	5110-3001-000 (2002)	1	Adapter
2	5890-1007-000 (2002)	2	Screw
3	5310-2000-113 (2002)	1	Bracket, sharps mount
4	5310-2000-114 (2002)	1	S-hook
5	5310-2000-115 (2002)	1	Chain, 28" (71 cm)

Glove Box Holder Assembly (P170130-01)

Figure 5-94. Glove Box Holder Assembly (P170130-01)

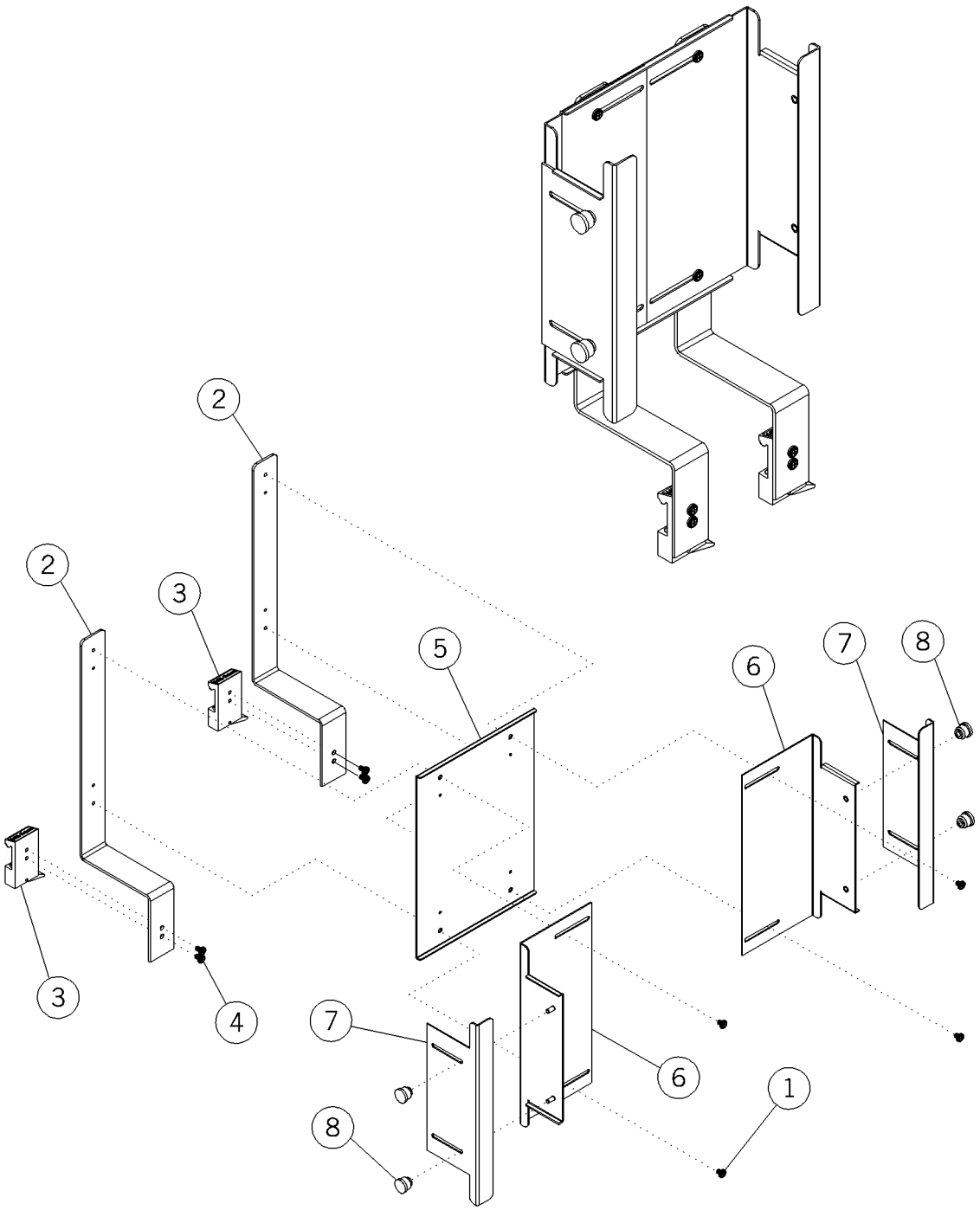

Table 5-119. Glove Box Holder Assembly (P170130-01)

Item Number	Part Number	Quantity	Description
1	5890-0061-000 (2002)	4	Screw
2	5310-2000-043 (2002)	2	Mount, glove box holder
3	5310-2000-053 (2002)	2	Adapter
4	5890-0063-000 (2002)	4	Screw
5	5310-2000-041 (2002)	1	Guide, width adjustment
6	5310-2000-040 (2002)	2	Slide, width adjustment
7	5310-2000-042 (2002)	2	Slide, depth adjustment
8	5310-2000-123 (2002)	4	Knob

Utility Shelf Assembly, Large (P170201-01)

Figure 5-95. Utility Shelf Assembly, Large (P170201-01)

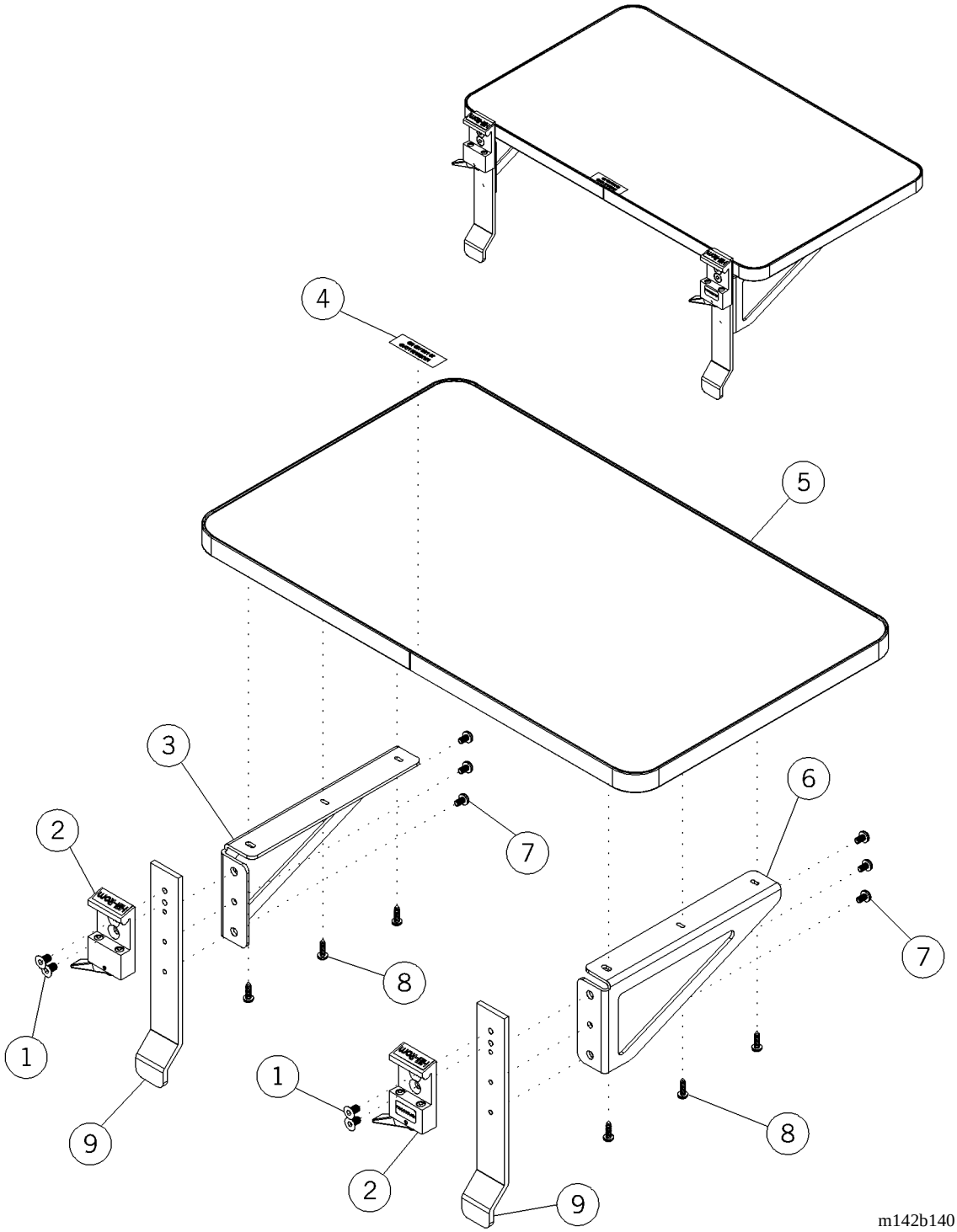

Table 5-120. Utility Shelf Assembly, Large (P170201-01)

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2002)	4	Screw
2	5110-3001-000 (2002)	2	Adapter
3	5310-2000-030 (2002)	1	Bracket, shelf mount, rh
4	5310-0100-002 (2002)	1	Label
5	5310-2100-020 (2002)	1	Assembly, charting shelf top
6	5310-2000-029 (2002)	1	Bracket, shelf mount, lh
7	5890-0063-000 (2002)	6	Screw
8	5890-3007-000 (2002)	6	Screw
9	5310-2000-007 (2002)	2	Shelf, hanger utility

Charting Shelf Assembly (P170202-01)

Figure 5-96. Charting Shelf Assembly (P170202-01)

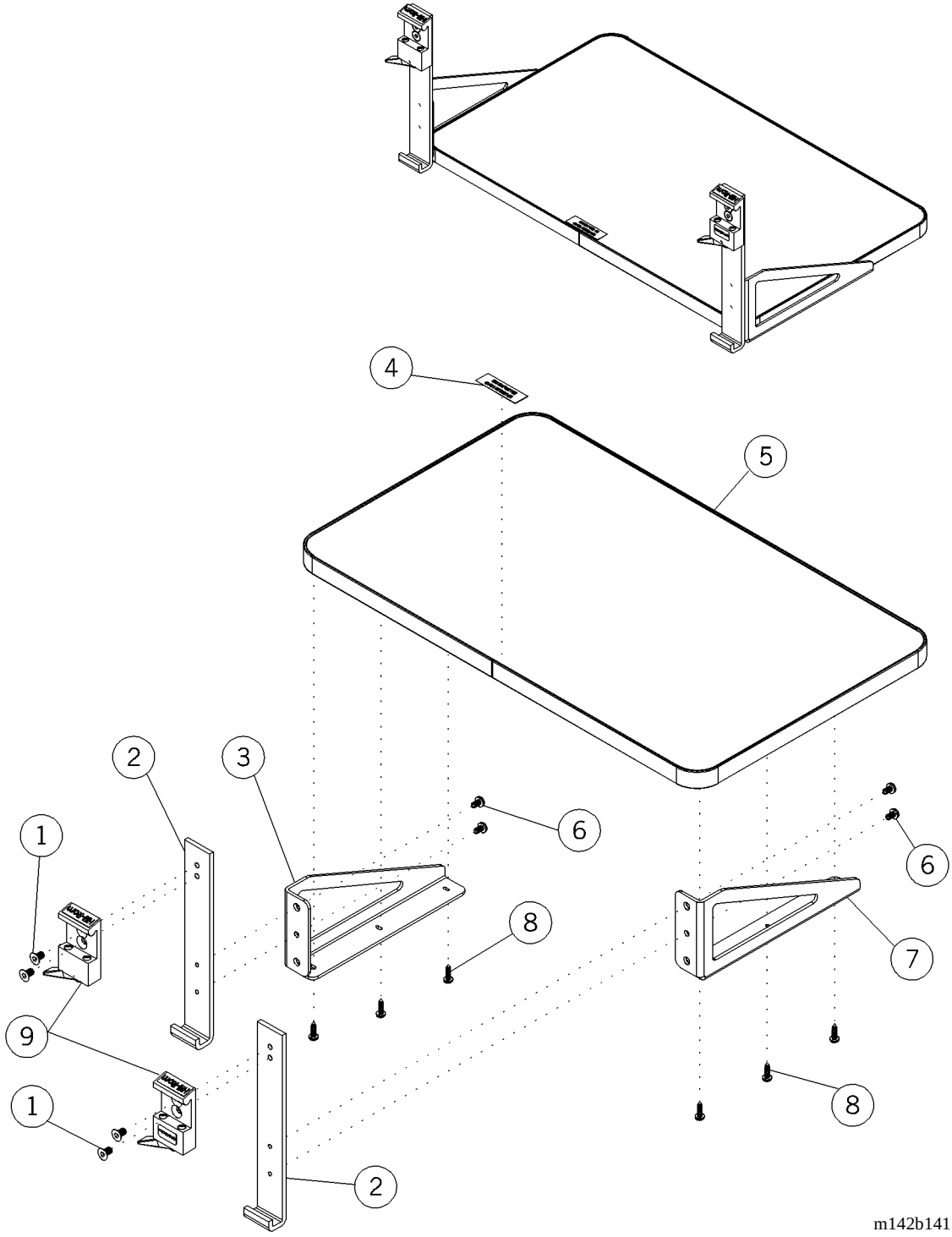

Table 5-121. Charting Shelf Assembly (P170202-01)

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2002)	4	Screw
2	5310-2000-031 (2002)	2	Bracket, charting shelf hanger
3	5310-2000-029 (2002)	1	Bracket, shelf mount lh
4	5310-0100-002 (2002)	1	Label
5	5310-2100-020 (2002)	1	Assembly, charting shelf top
6	5890-0063-000 (2002)	4	Screw
7	5310-2000-030 (2002)	1	Bracket, shelf mount rh
8	5890-3007-000 (2002)	6	Screw
9	5110-3001-000 (2002)	3	Adapter

Hinged Mayo Tray, Small (P170203-01)

Figure 5-97. Hinged Mayo Tray, Small (P170203-01)

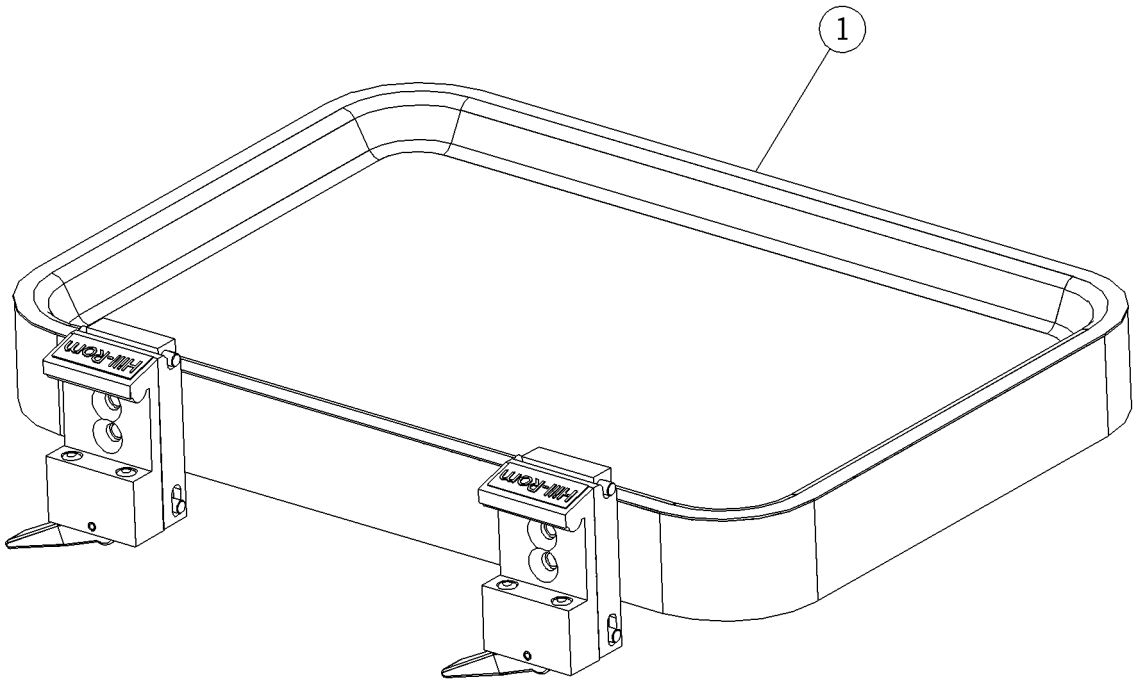

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Table 5-122. Hinged Mayo Tray, Small (P170203-01)

Item Number	Part Number	Quantity	Description
1	5331-0002-000 (2002)	1	Hinged mayo tray—small

Hinged Mayo Tray, Large (P170204-01)

Figure 5-98. Hinged Mayo Tray, Large (P170204-01)

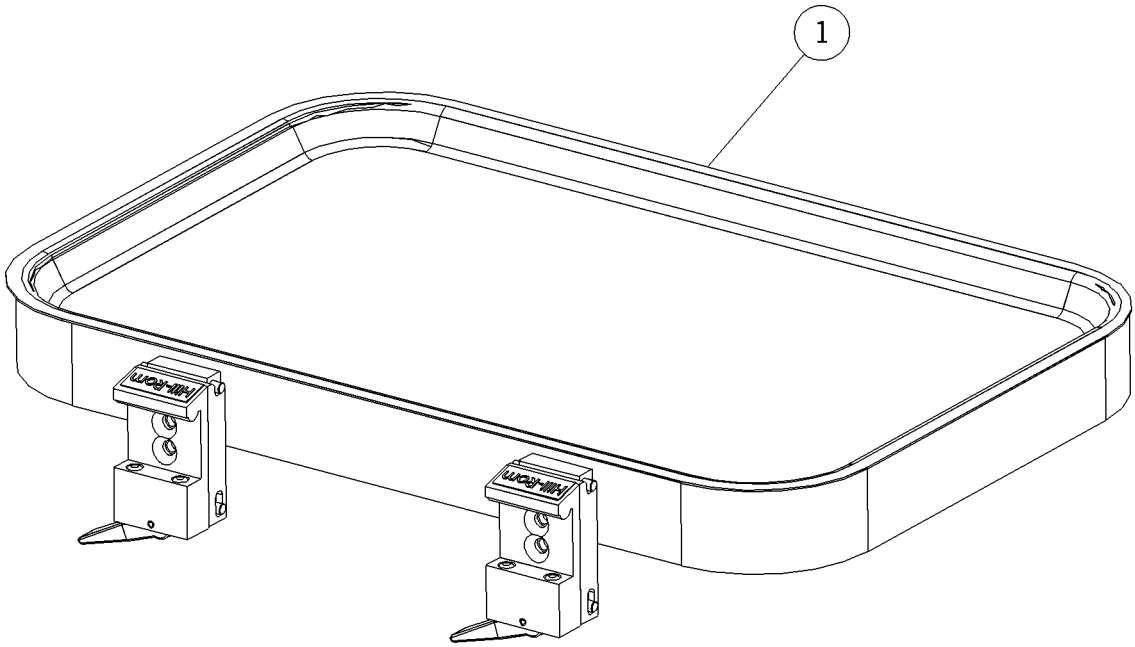

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Table 5-123. Hinged Mayo Tray, Large (P170204-01)

Item Number	Part Number	Quantity	Description
1	5331-0004-000 (2002)	1	Hinged mayo tray—large

Luxo Incandescent Light Assembly (P170303-01)

Figure 5-99. Luxo Incandescent Light Assembly (P170303-01)

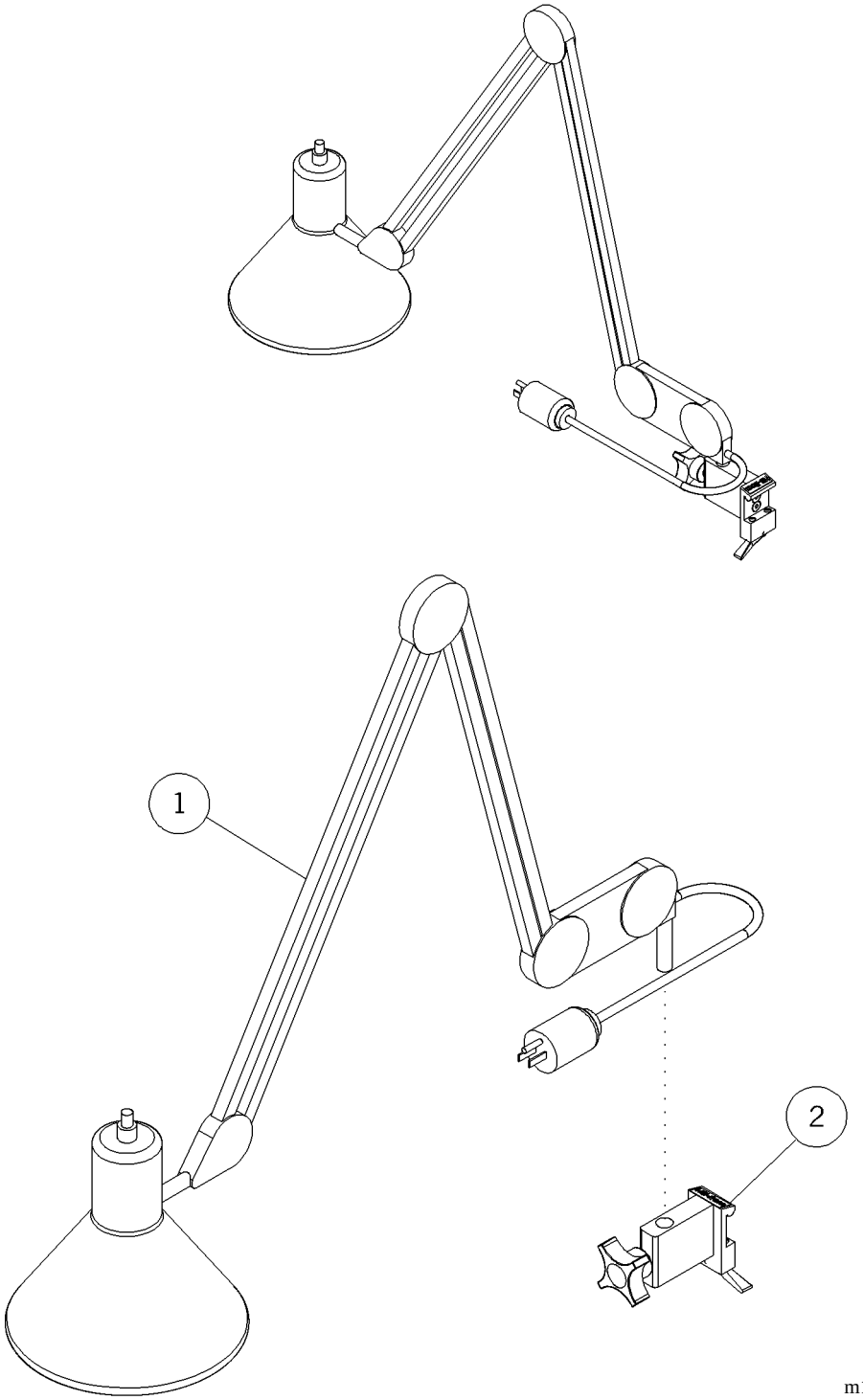

Table 5-124. Luxo Incandescent Light Assembly (P170303-01)

Item Number	Part Number	Quantity	Description
1	5310-2000-118 (2002)	1	Light, Luxo, incandescent
2	5333-0005-000 (2002)	1	Holder, lamp, universal

Luxo Incandescent/Fluorescent Light Assembly (P170304-01)

Figure 5-100. Luxo Incandescent/Fluorescent Light Assembly (P170304-01)

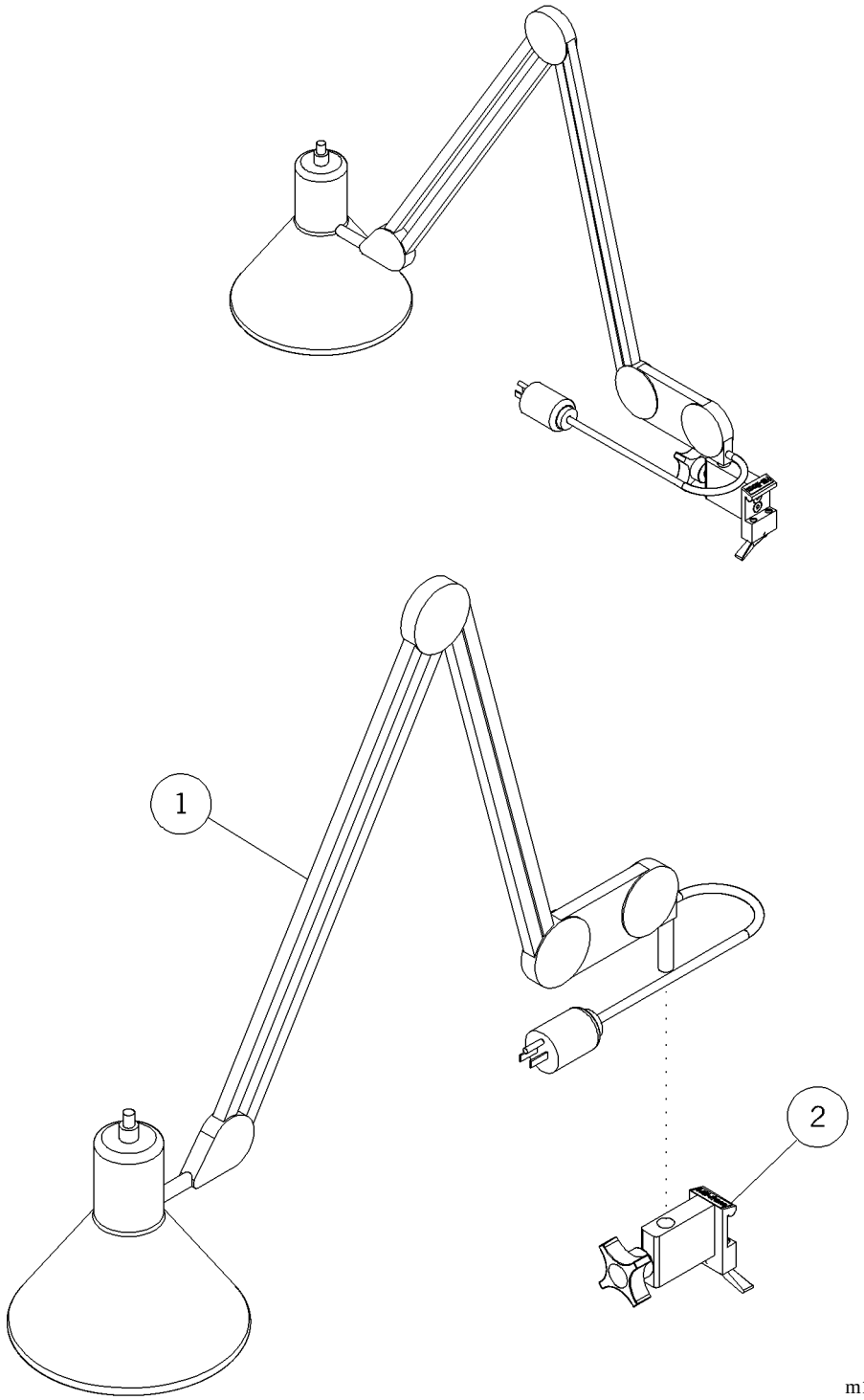

Table 5-125. Luxo Incandescent/Fluorescent Light Assembly (P170304-01)

Item Number	Part Number	Quantity	Description
1	5310-2000-119 (2002)	1	Light, incandescent/fluorescent
2	5333-0005-000 (2002)	1	Holder, lamp, universal

Utility Light Assembly (P170305-01)

Figure 5-101. Utility Light Assembly (P170305-01)

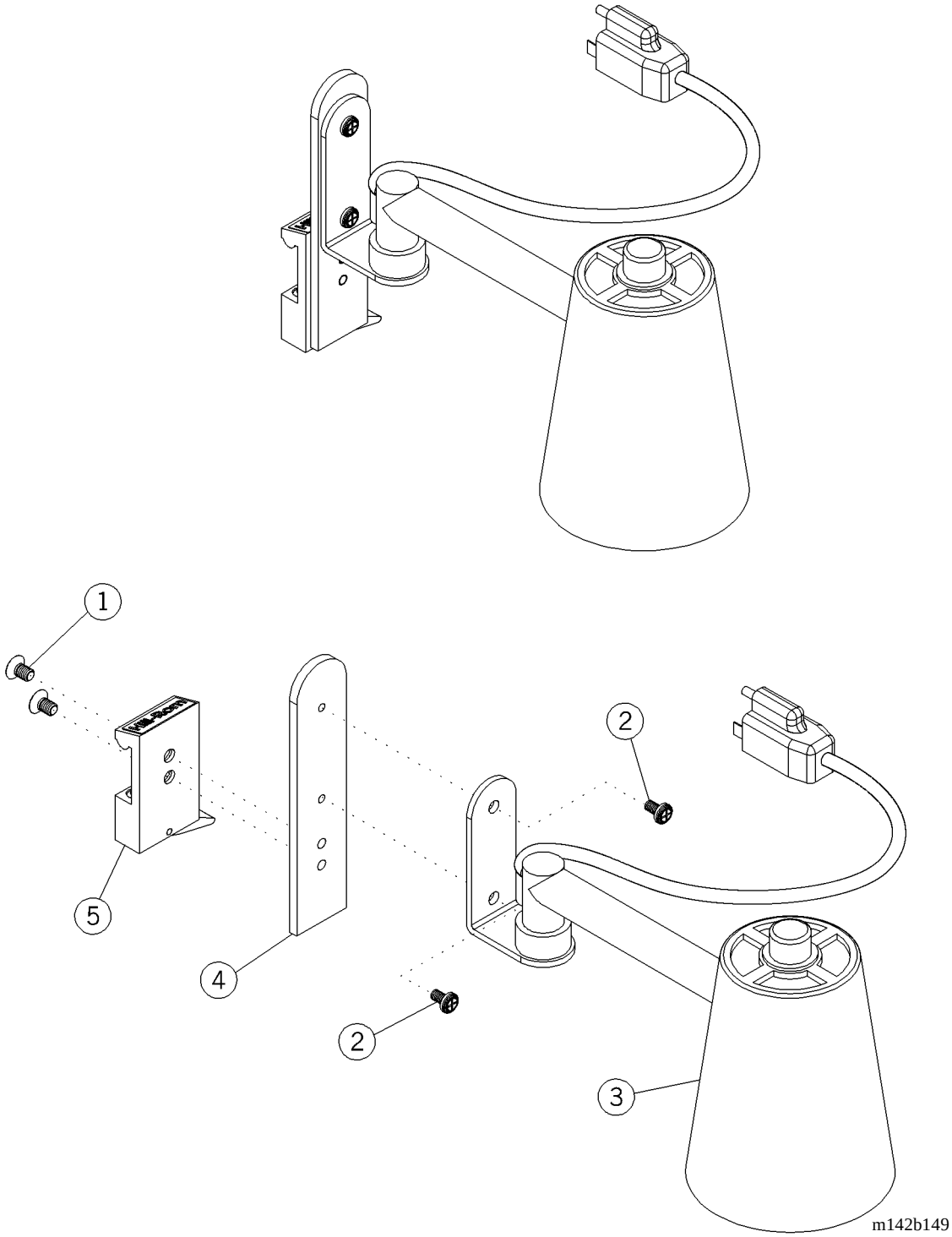

Table 5-126. Utility Light Assembly (P170305-01)

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2002)	2	Screw
2	5890-0066-000 (2002)	2	Screw
3	5310-2000-112 (2002)	1	Utility charting light
4	5310-2000-014 (2002)	1	Bracket, utility light
5	5110-3001-000 (2002)	1	Adapter

Utility Light Mount Assembly (P170307-01)

Figure 5-102. Utility Light Mount Assembly (P170307-01)

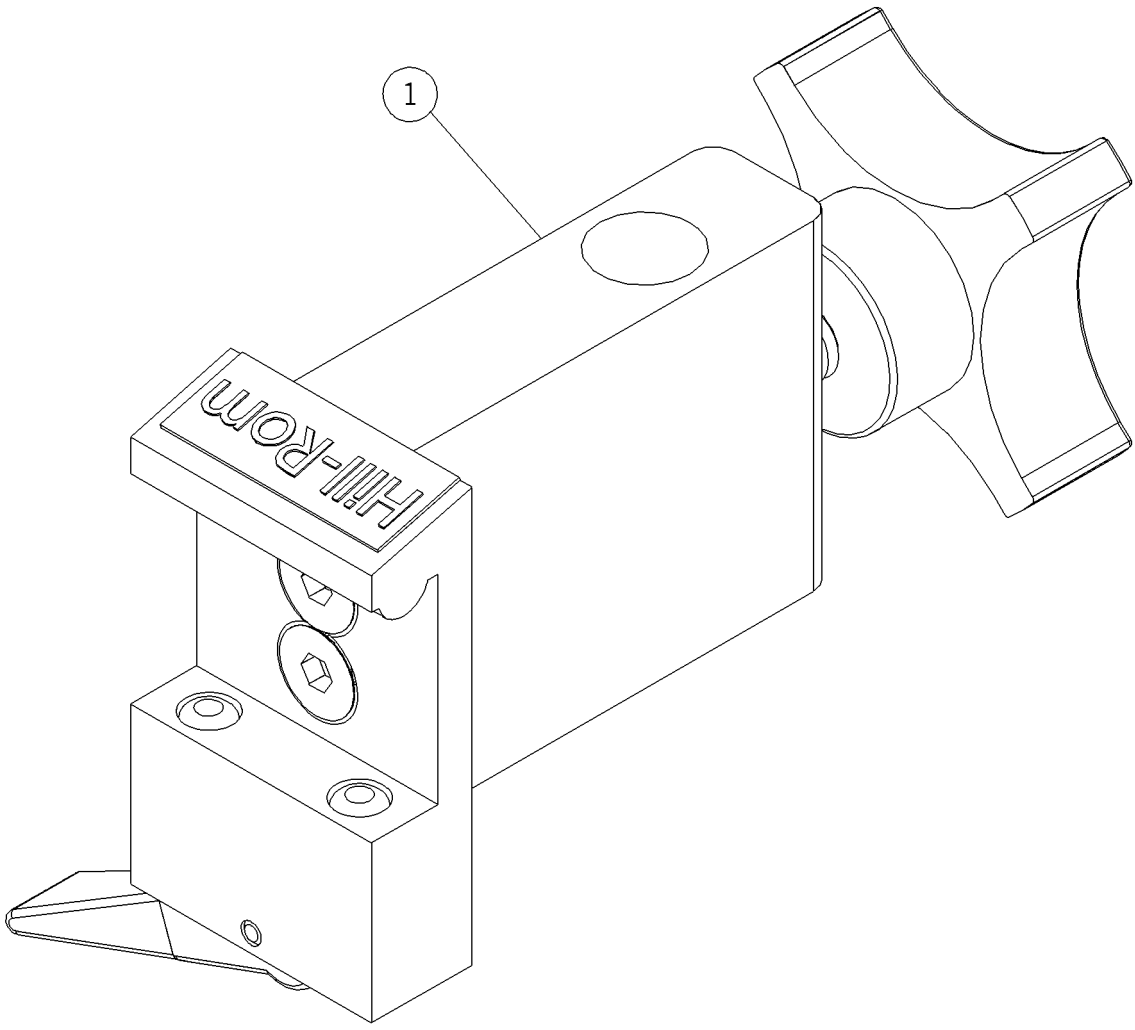

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Table 5-127. Utility Light Mount Assembly (P170307-01)

Item Number	Part Number	Quantity	Description
1	5333-0005-000 (2002)	1	Utility light mount assembly

Otoscope Mount Assembly—747 (P170402-01)

Figure 5-103. Otoscope Mount Assembly—747 (P170402-01)

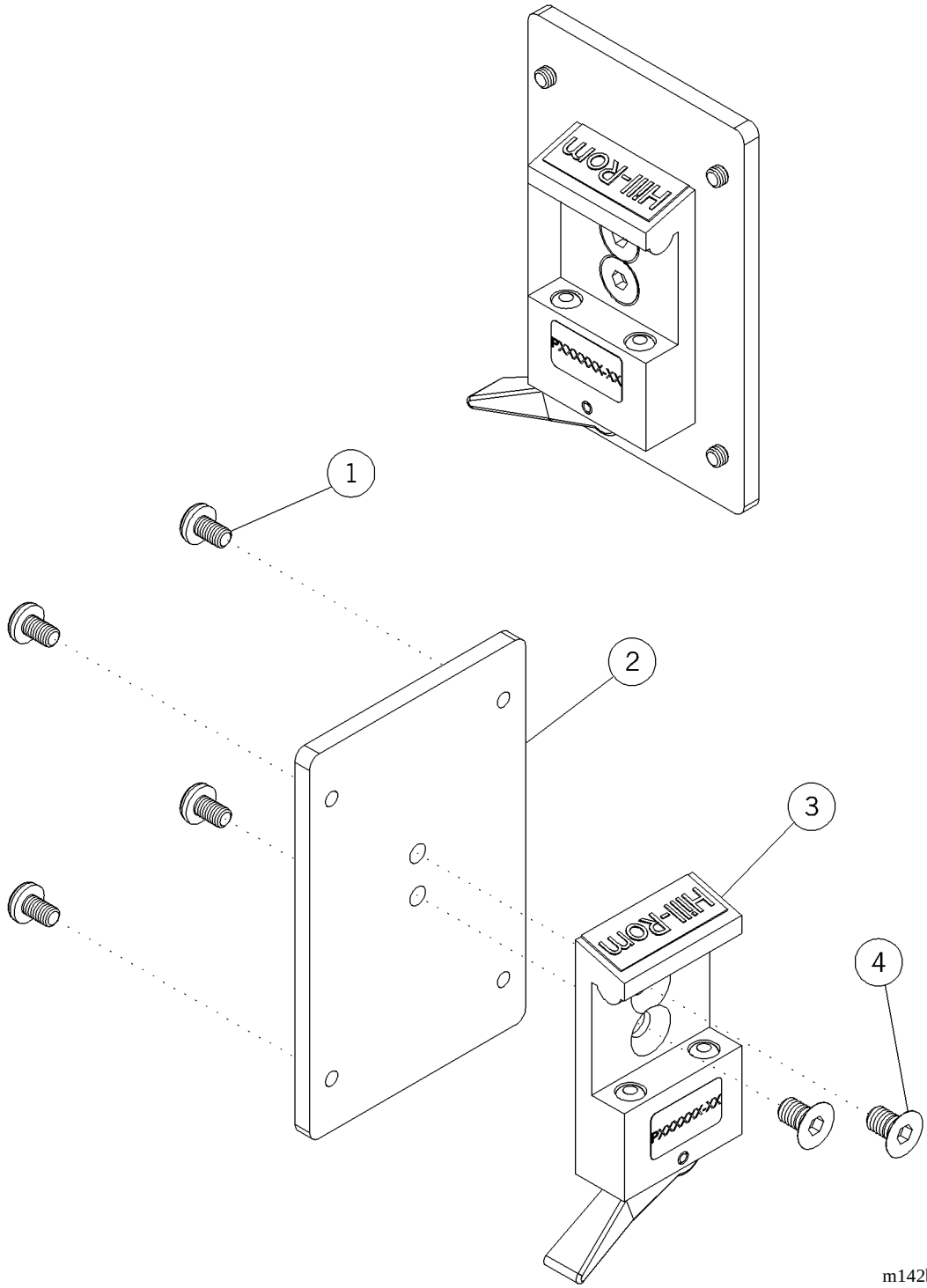

Table 5-128. Otoscope Mount Assembly—747 (P170402-01)

Item Number	Part Number	Quantity	Description
1	5890-006-3000 (2002)	4	Screw
2	5310-2000-066 (2002)	1	Bracket, 747 otoscope
3	5110-3001-000 (2002)	1	Adapter
4	5890-1007-000 (2002)	2	Screw

Speculum Holder Assembly (P170404-01)

Figure 5-104. Speculum Holder Assembly (P170404-01)

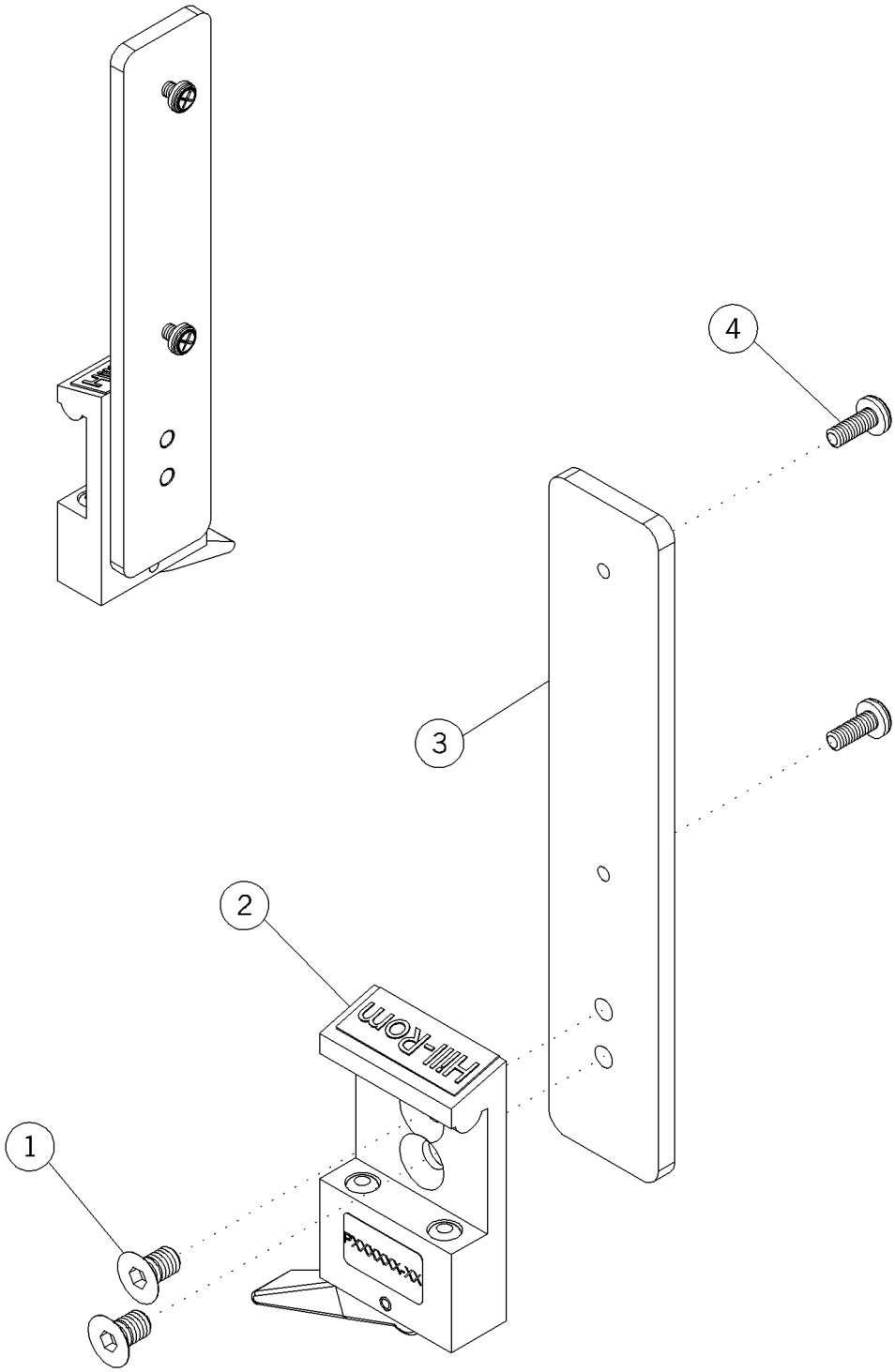

Table 5-129. Speculum Holder Assembly (P170404-01)

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2002)	2	Screw
2	5110-3001-000 (2002)	1	Adapter
3	5310-2000-069 (2002)	1	Bracket, speculum holder
4	5890-0055-000 (2002)	2	Screw

Aneroid Sphygmo Mount Assembly (P170410-01)

Figure 5-105. Aneroid Sphygmo Mount Assembly (P170410-01)

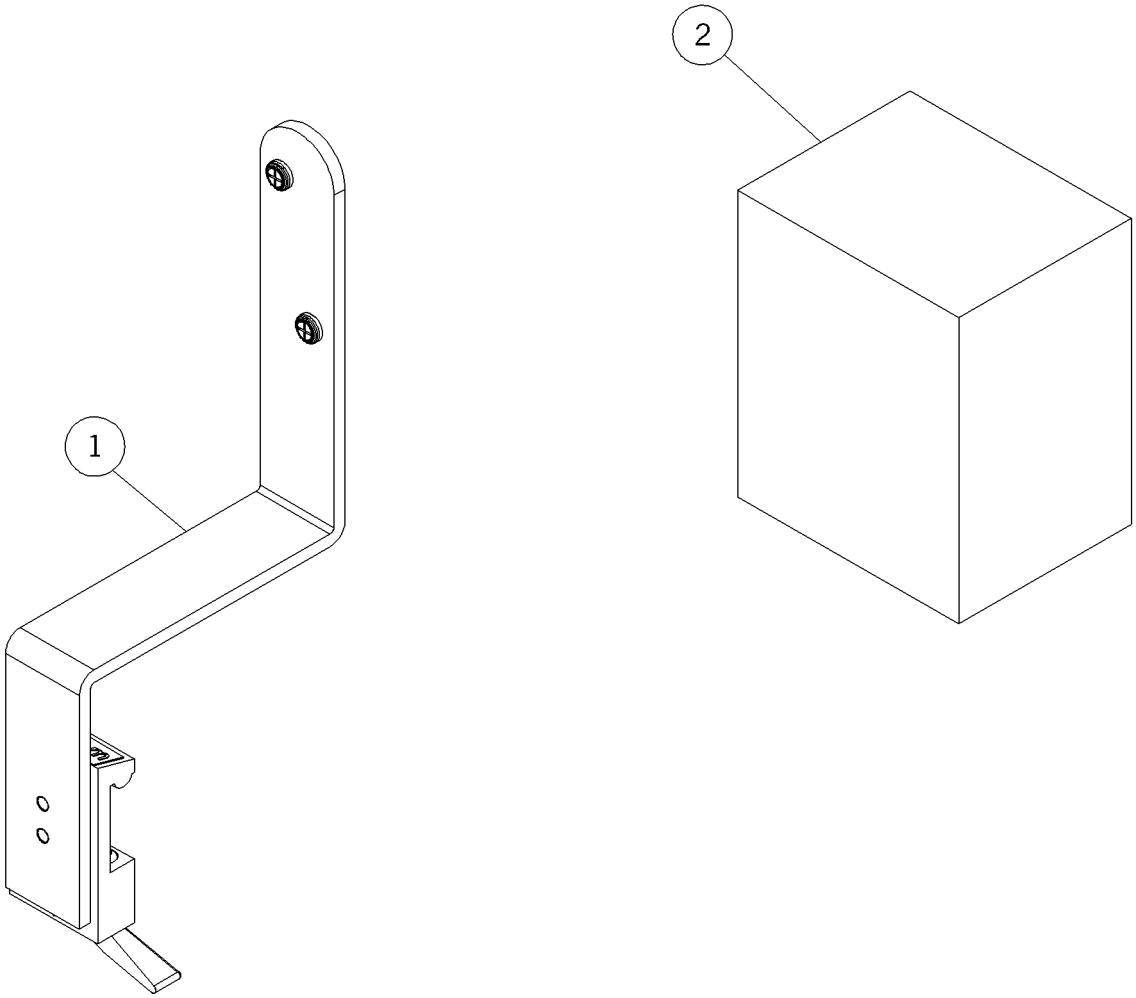

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Table 5-130. Aneroid Sphygmo Mount Assembly (P170410-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-008 (2002)	1	Assembly, Aneroid mount sphygmo
2	5801-033-000 (2002)	1	Tycos 5091-38

Aneroid Sphygmo Assembly (P170411-01)

Figure 5-106. Aneroid Sphygmo Assembly (P170411-01)

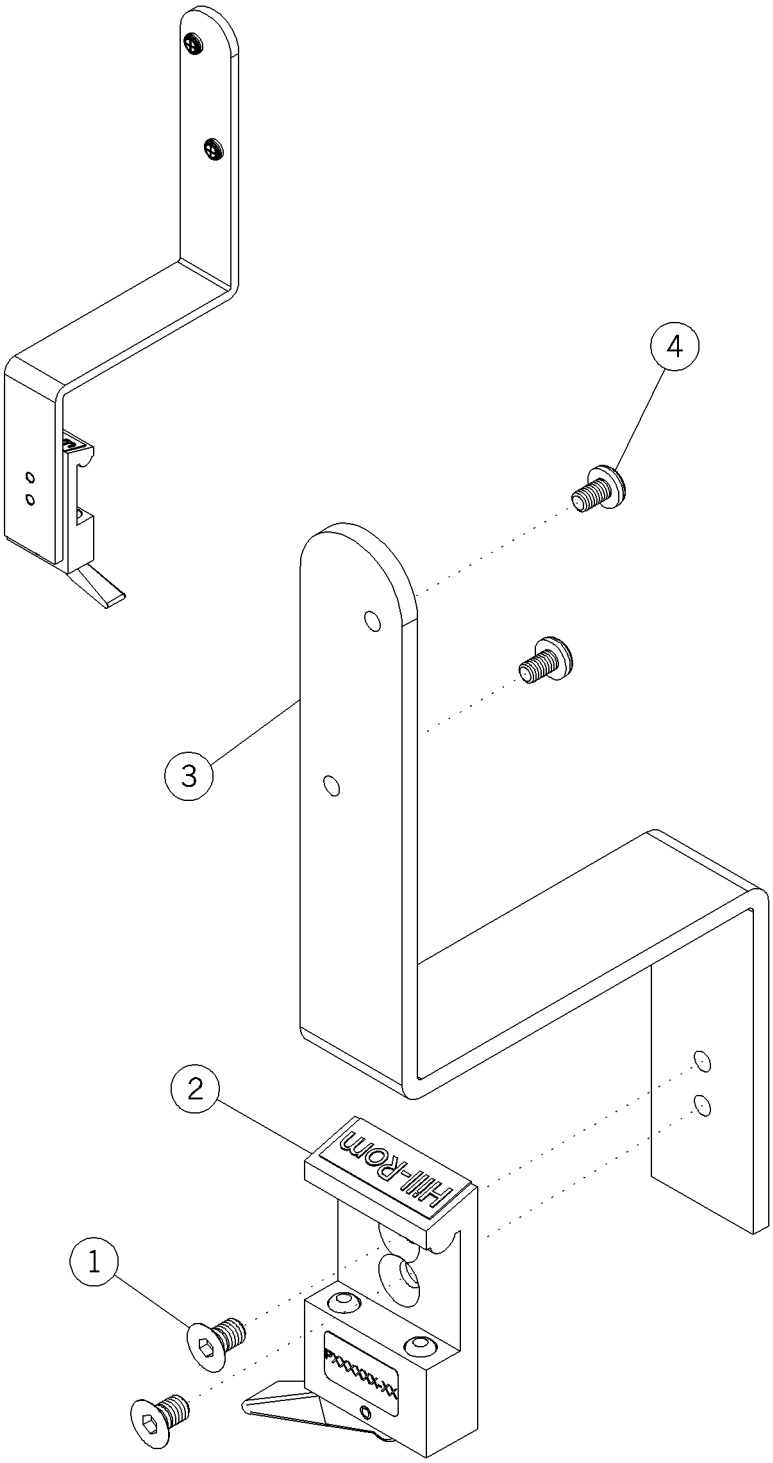

Table 5-131. Aneroid Sphygmo Assembly (P170411-01)

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2002)	2	Screw
2	5310-2100-052 (2002)	1	Adapter
3	5310-2000-016 (2002)	1	Bracket, Aneroid sphygmo
4	5890-0063-000 (2002)	2	Screw

7670 Assembly (P170412-01)

Figure 5-107. 7670 Assembly (P170412-01)

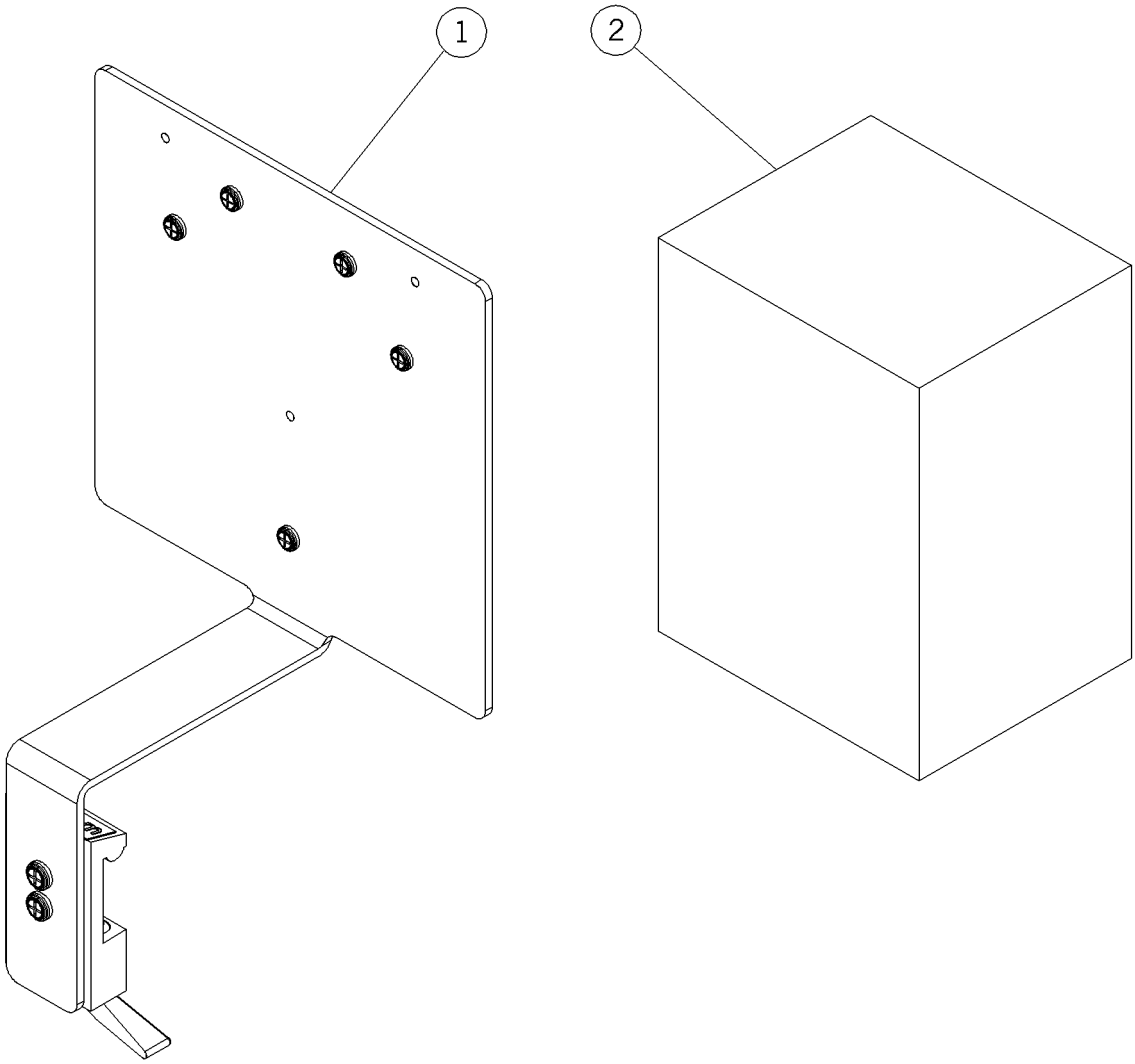

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Table 5-132. 7670 Assembly (P170412-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-003 (2002)	1	Assembly, mount thermometer and 7670
2	Box 3 (2002)	2	Tycos 7670

Mount Thermometer and 7670 Assembly (P170413-01/P170420-01)

Figure 5-108. Mount Thermometer and 7670 Assembly (P170413-01/P170420-01)

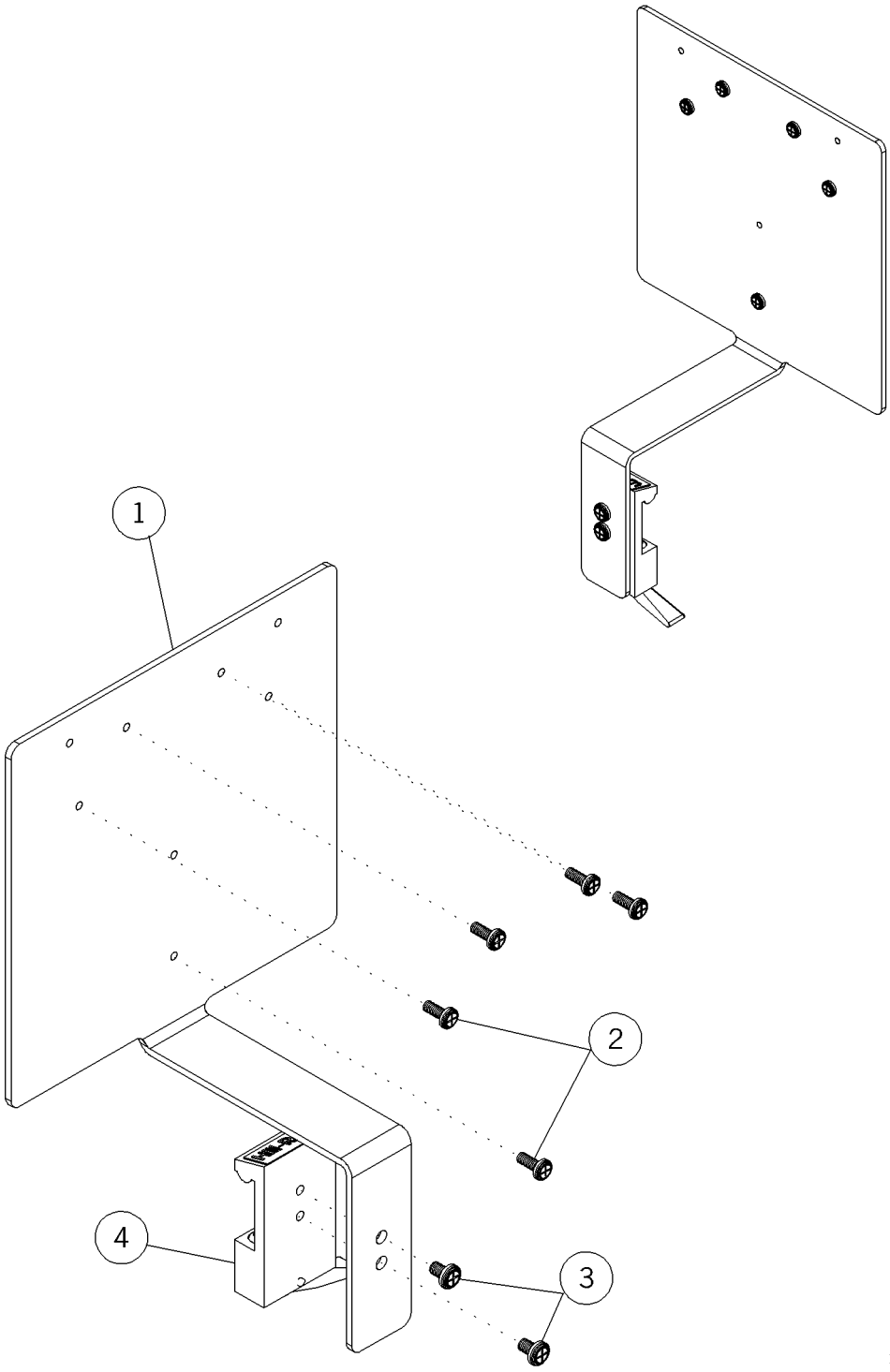

Table 5-133. Mount Thermometer and 7670 Assembly (P170413-01/P170420-01)

Item Number	Part Number	Quantity	Description
1	5310-2000-003 (2002)	1	Plate, thermometer mounting
2	5890-0055-000 (2002)	5	Screw
3	5890-0063-000 (2002)	2	Screw
4	5310-2100-053 (2002)	1	Adapter

Mercury Mount and Equipment Assembly (P170414-01)

Figure 5-109. Mercury Mount and Equipment Assembly (P170414-01)

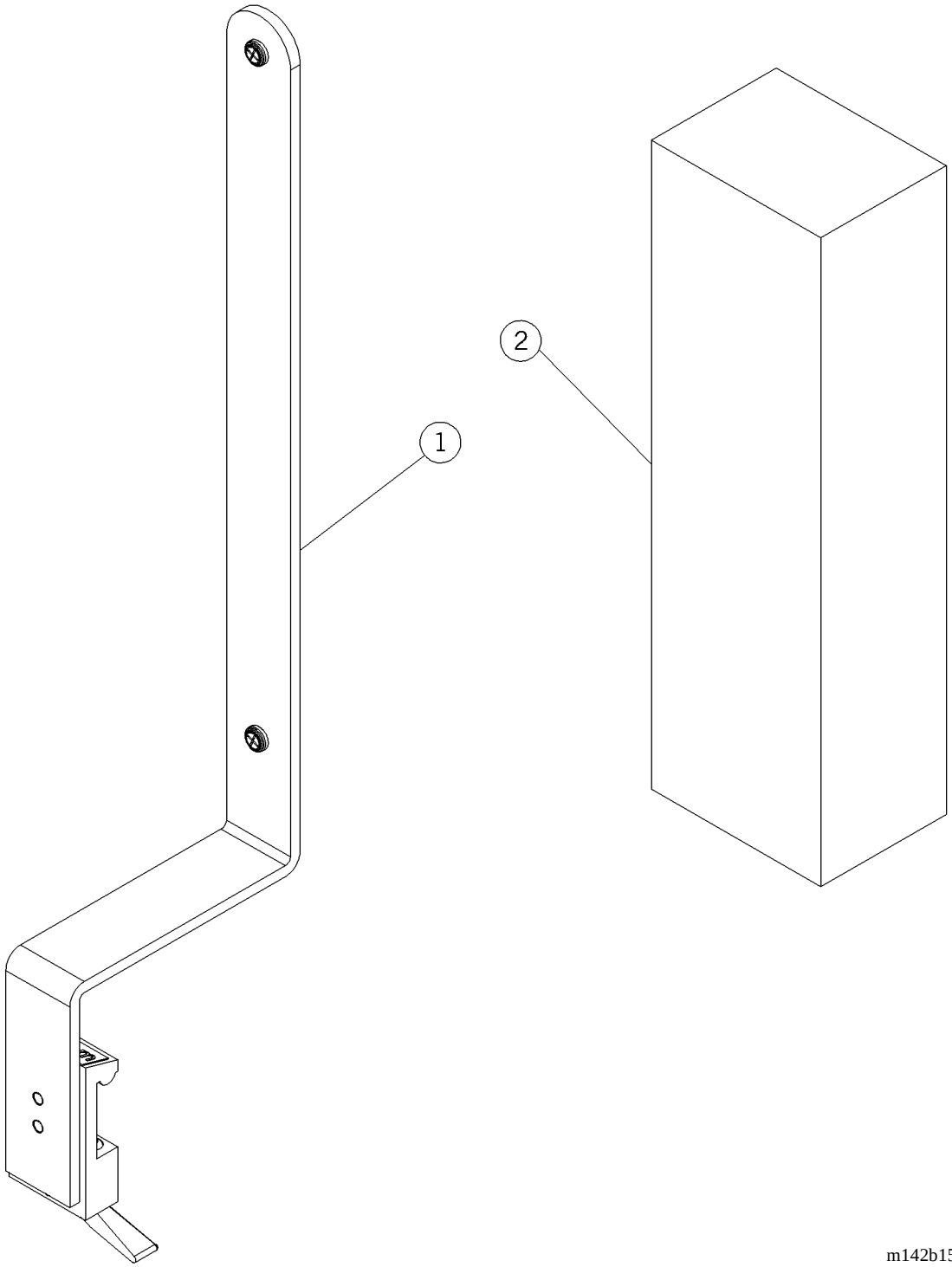

Table 5-134. Mercury Mount and Equipment Assembly (P170414-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-011 (2002)	1	Assembly, mercury sphygmo
2	5801-0032-000 (2002)	1	Baum, mercury sphygmo

Mercury Sphygmo Assembly (P170415-01)

Figure 5-110. Mercury Sphygmo Assembly (P170415-01)

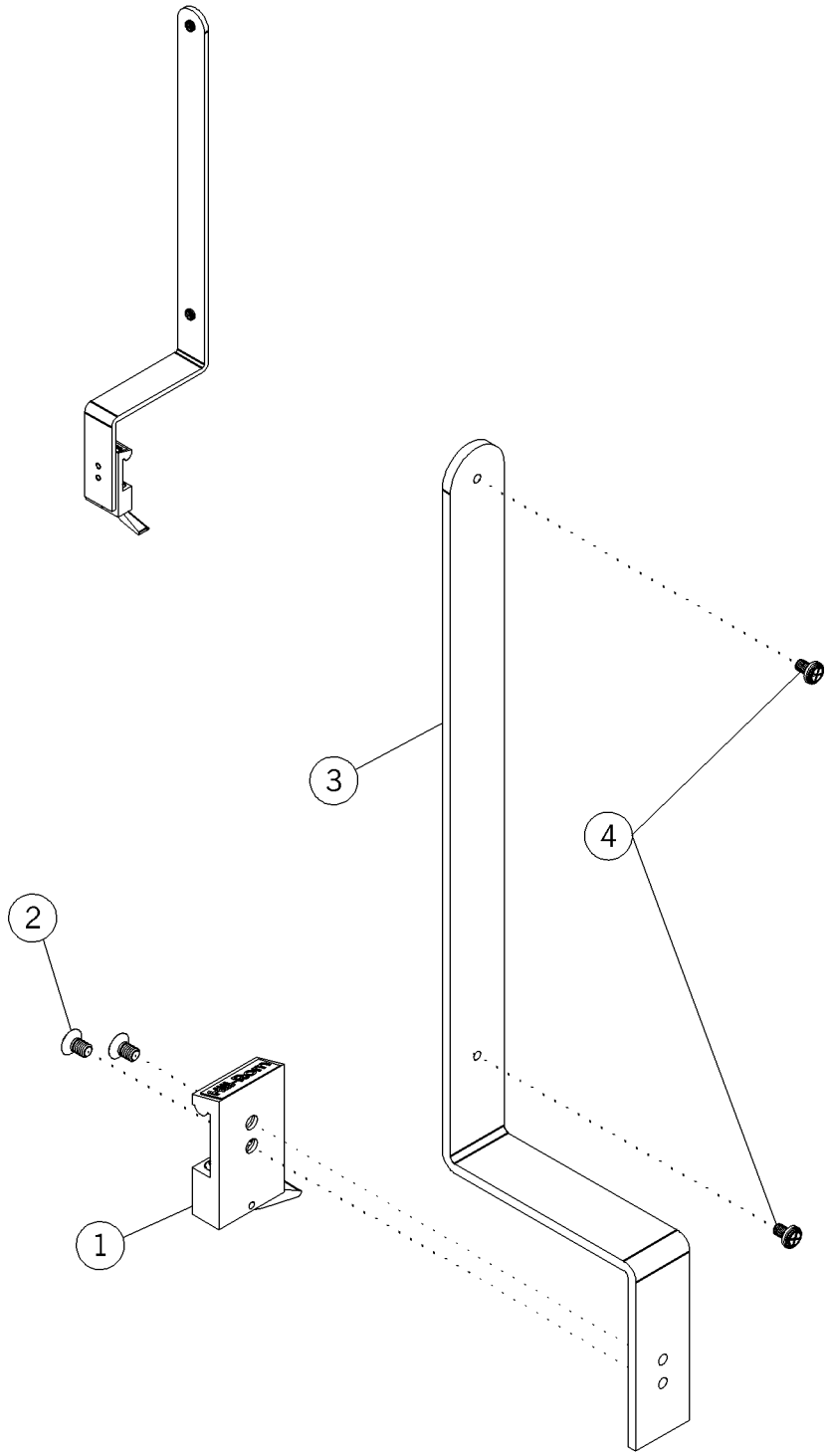

Table 5-135. Mercury Sphygmo Assembly (P170415-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-052 (2002)	1	Adapter
2	5890-1007-000 (2002)	2	Screw
3	5310-2000-020 (2002)	1	Bracket, mercury sphygmo
4	5890-0063-000 (2002)	2	Screw

Cuff Basket Assembly (P170416-01)

Figure 5-111. Cuff Basket Assembly (P170416-01)

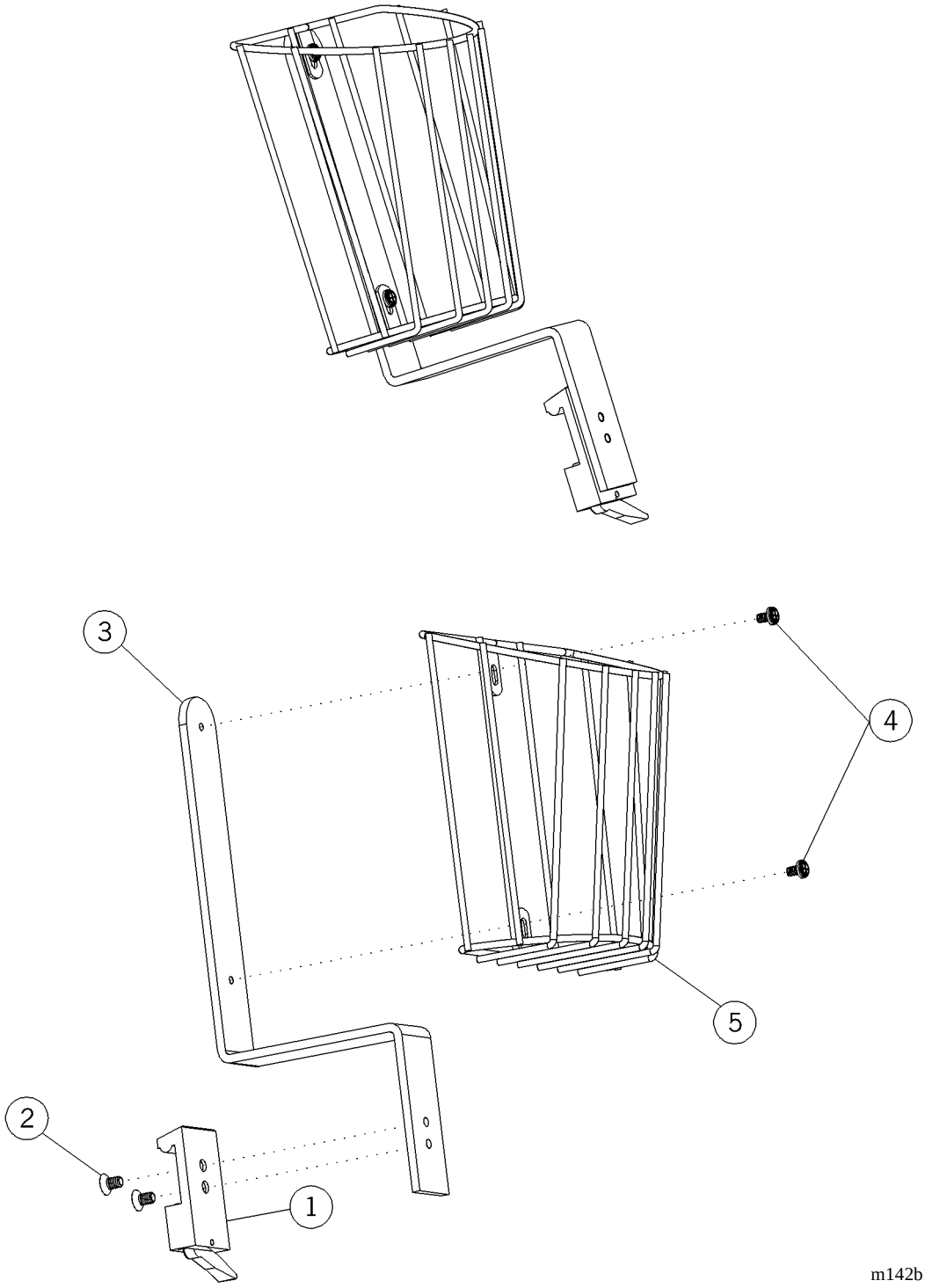

Table 5-136. Cuff Basket Assembly (P170416-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-052 (2002)	1	Adapter
2	5890-1007-000 (2002)	2	Screw
3	5310-2000-021 (2002)	1	Bracket, cuff basket
4	5890-0063-000 (2002)	2	Screw
5	5310-2000-045 (2002)	1	Basket, wire, cuff

Cuff Basket Mount Assembly (P170417-01)

Figure 5-112. Cuff Basket Mount Assembly (P170417-01)

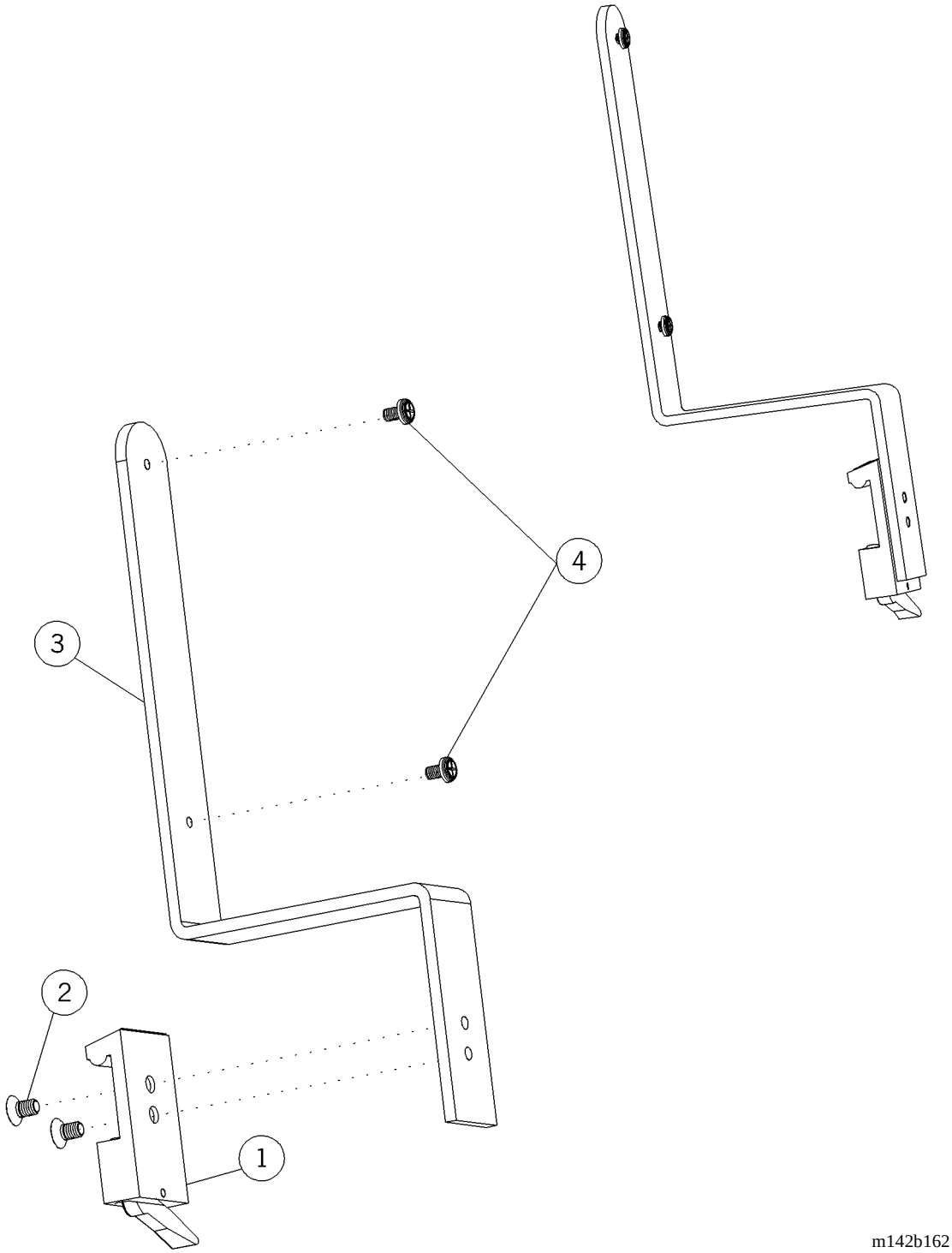

Table 5-137. Cuff Basket Mount Assembly (P170417-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-052 (2002)	1	Adapter
2	5890-1007-000 (2002)	2	Screw
3	5310-2000-021 (2002)	1	Bracket, cuff basket
4	5890-0063-000 (2002)	1	Screw

Utility Hook Assembly (P170418-01)

Figure 5-113. Utility Hook Assembly (P170418-01)

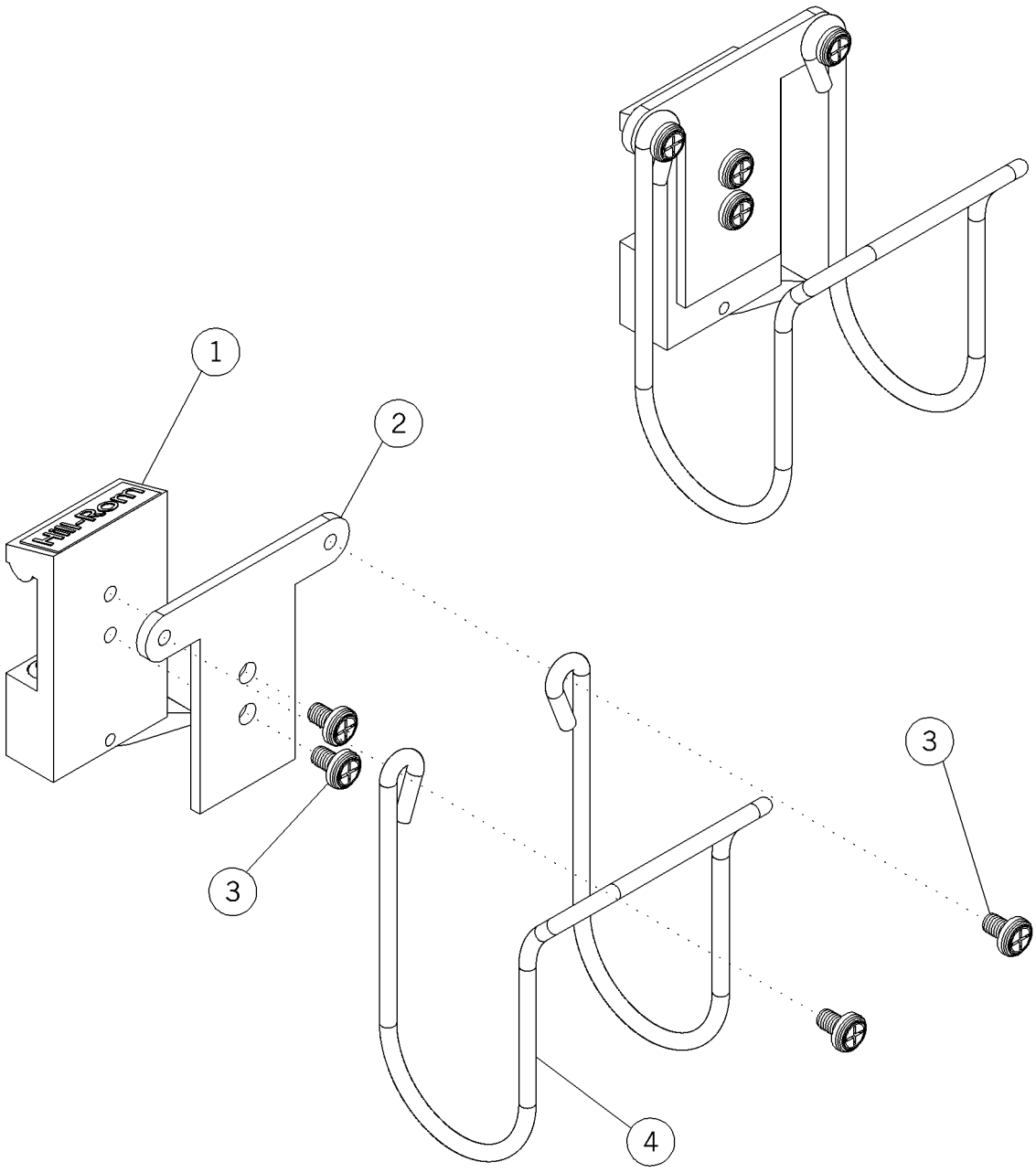

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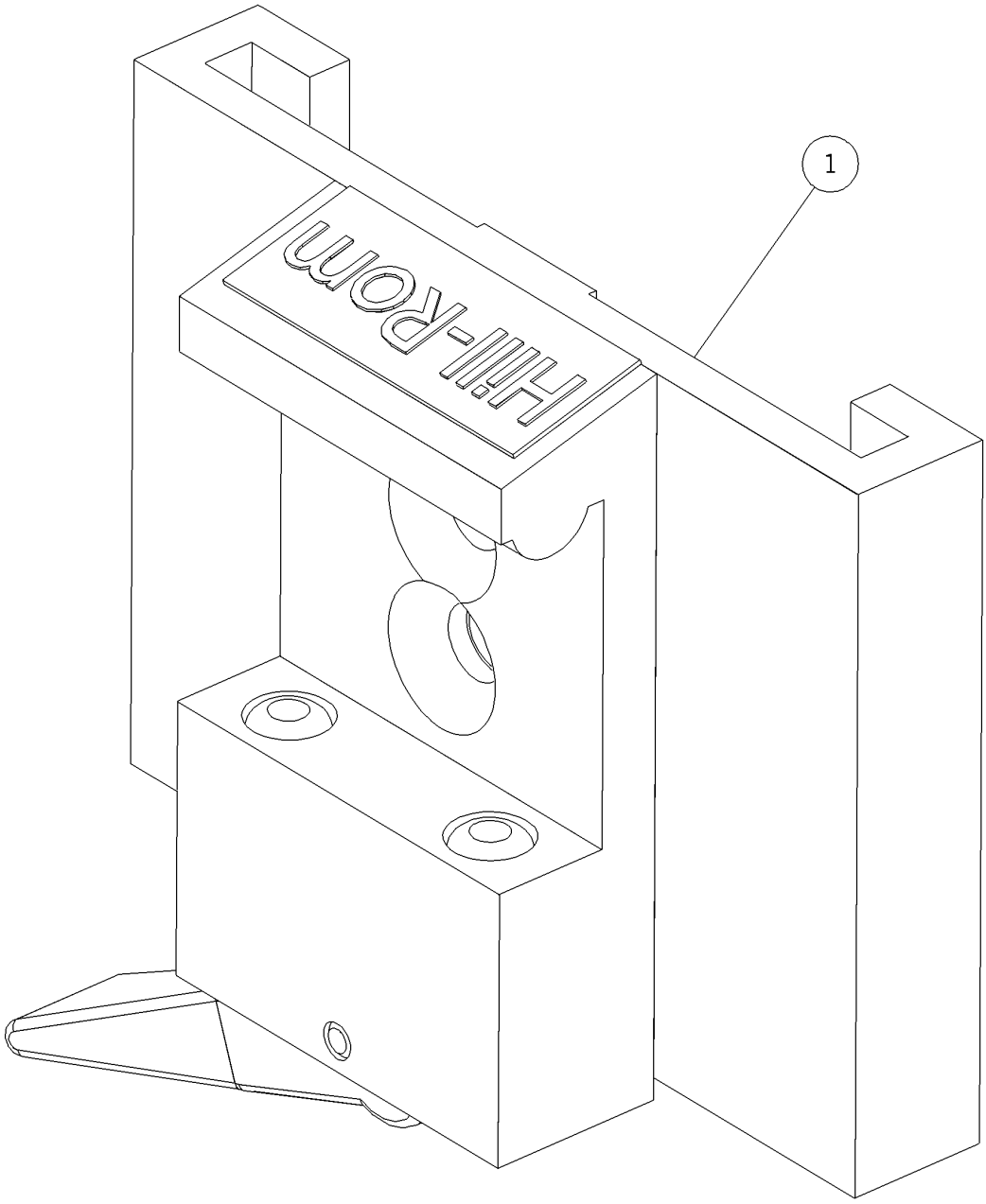
Table 5-138. Utility Hook Assembly (P170418-01)

Item Number	Part Number	Quantity	Description
1	5310-2100-053 (2002)	1	Adapter
2	5310-2000-012 (2002)	1	Bracket, utility hook
3	5890-0062-000 (2002)	4	Screw
4	5310-2000-013 (2002)	1	Clip, wire cuff

Conchatherm®[1] Mount Assembly (P170430-01)

Figure 5-114. Conchatherm® Mount Assembly (P170430-01)



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1. Concha® is a registered trademark of Respiratory Care, Inc.

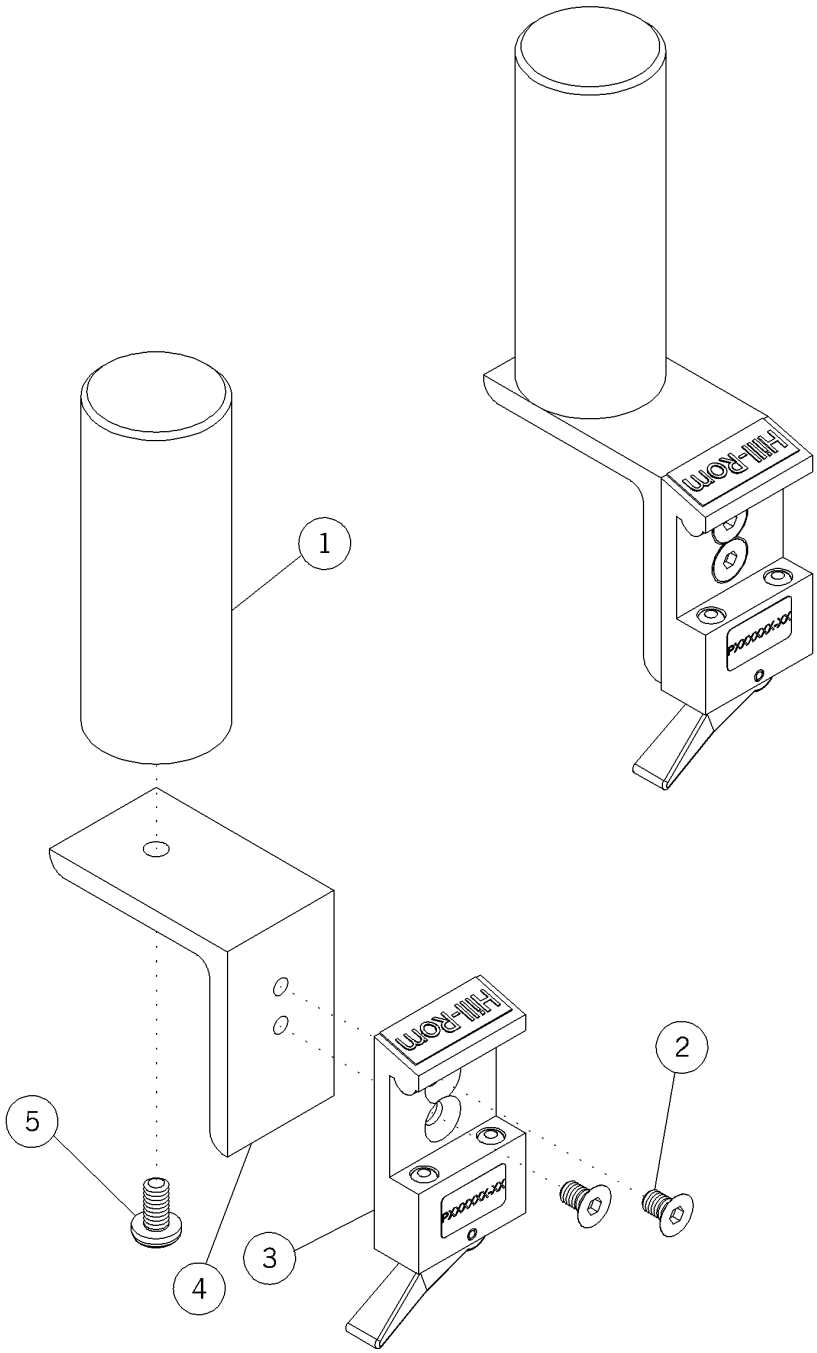
Table 5-139. Conchatherm®[1] Mount Assembly (P170430-01)

Item Number	Part Number	Quantity	Description
1	5332-1170-000 (2002)	1	Conchatherm® mount assembly

1. Concha® is a registered trademark of Respiratory Care, Inc.

Puritan-Bennett®[1] Cascade Humidifier Holder (P170431-01)

Figure 5-115. Puritan-Bennett® Cascade Humidifier Holder (P170431-01)



1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Table 5-140. Puritan-Bennett®[1] Cascade Humidifier Holder (P170431-01)

Item Number	Part Number	Quantity	Description
1	5115-2146-000 (2002)	1	Cascade holder
2	5890-1007-000 (2002)	2	Screw
3	5110-3001-000 (2002)	1	Adapter
4	5310-2000-001 (2002)	1	Bracket, cascade holder
5	5890-1072-000 (2002)	1	Screw

1. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

Stat Clock Assembly (P170440-01)

Figure 5-116. Stat Clock Assembly (P170440-01)

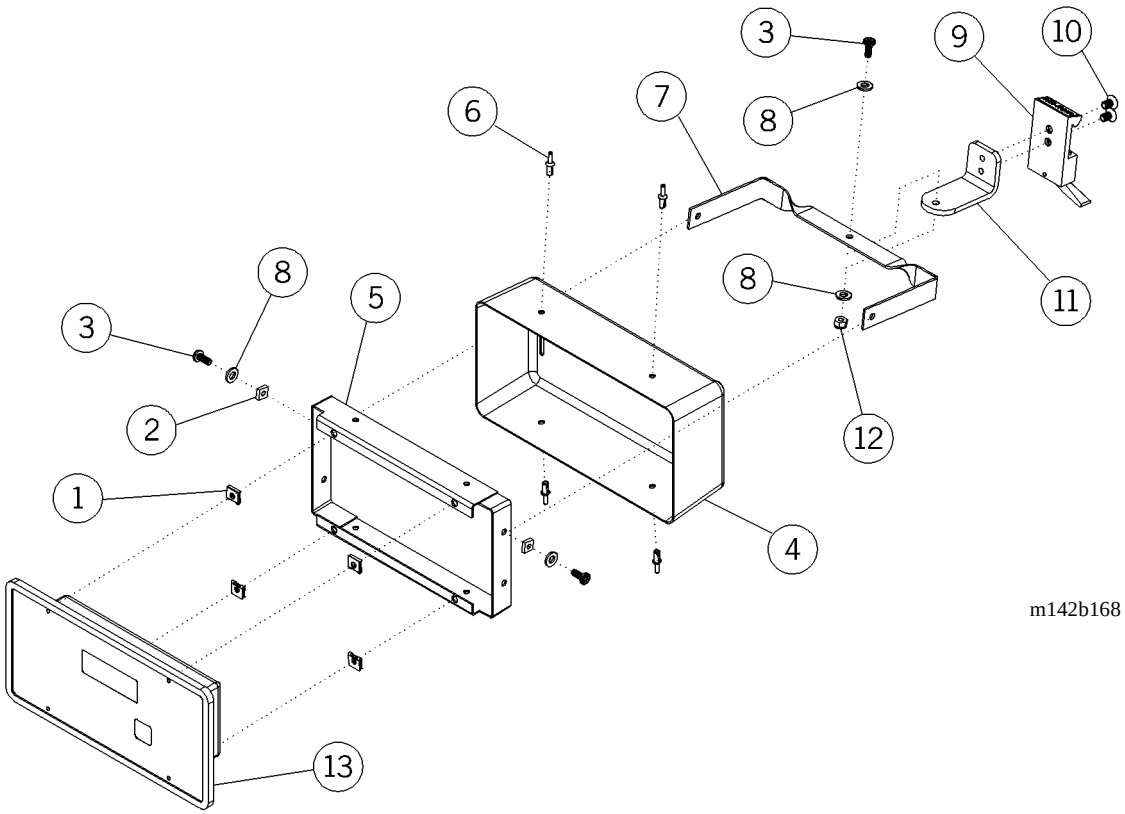


Table 5-141. Stat Clock Assembly (P170440-01)

Item Number	Part Number	Quantity	Description
1	5891-0022-000 (2002)	4	Nylon nut
2	5891-0023-000 (2002)	2	Square nut
3	5890-0068-000 (2002)	3	Pan head screw
4	5310-2000-084 (2002)	1	Stat clock, clock pod cover
5	5310-2100-046 (2002)	1	Weldment, stat clock pivot frame
6	5980-3007-000 (2002)	4	Rivet
7	5310-2000-081 (2002)	1	Stat clock, bail
8	5891-0104-000 (2002)	4	Washer
9	5110-3001-000 (2002)	1	Adapter
10	5890-1007-000 (2002)	2	Screw
11	5310-2000-083 (2002)	1	Stat clock, mounting arm
12	5891-0001-000 (2002)	1	Nut
13	5310-2000-080 (2002)	1	Stat clock, clock pod

Monitor Mount Assembly (P170501-01)

Figure 5-117. Monitor Mount Assembly (P170501-01)

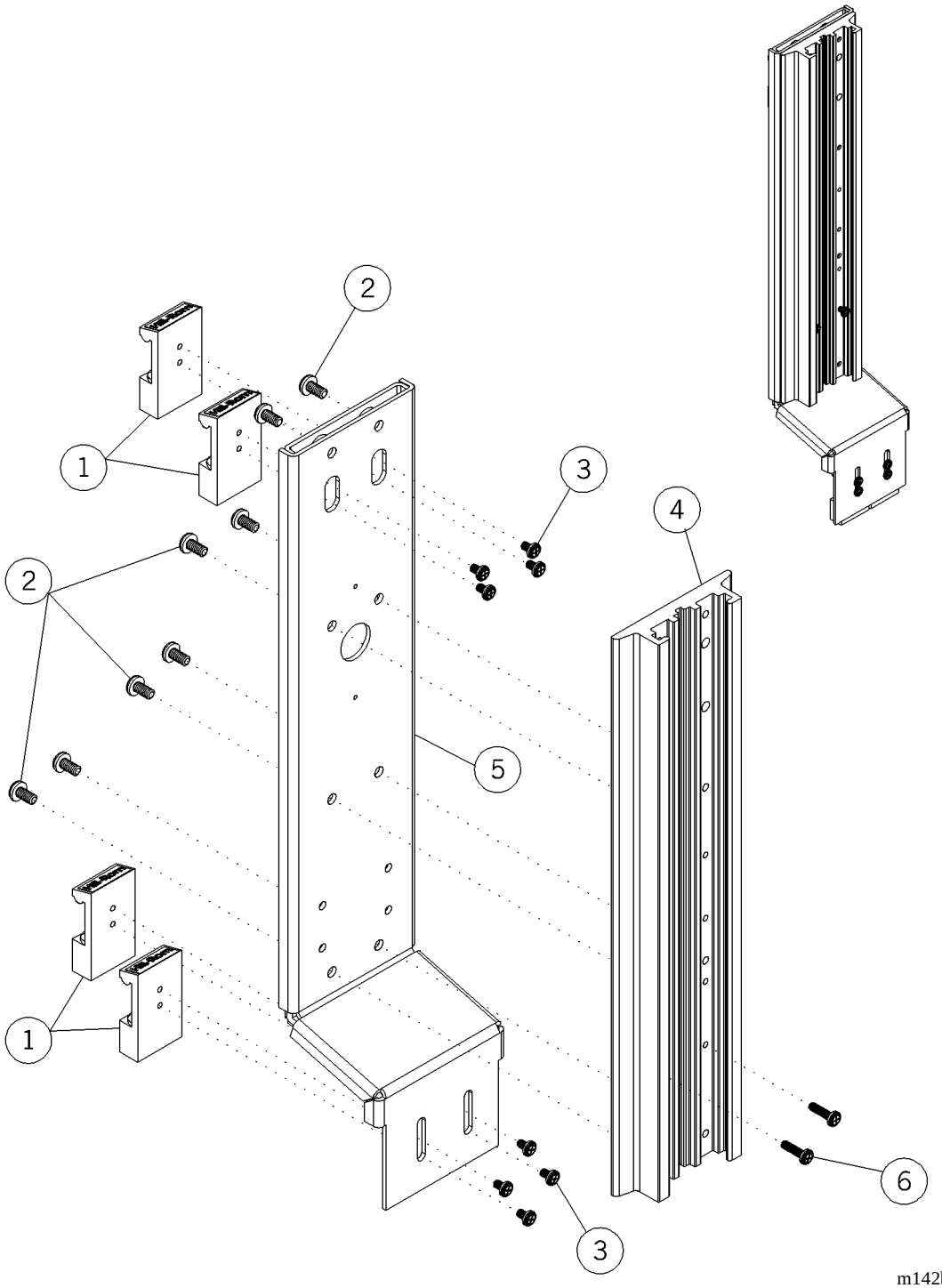


Table 5-142. Monitor Mount Assembly (P170501-01)

Item Number	Part Number	Quantity	Description
1	5400-0316-000 (2002)	4	Adapter, ball steel
2	5890-1072-000 (2002)	8	Screw
3	5890-0063-000 (2002)	8	Screw
4	5310-2000-056 (2002)	1	Extrusion, channel monitor
5	5310-2100-036 (2002)	1	Assembly, monitor weldment
6	5890-0070-000 (2002)	2	Screw

Monitor Arm Track Mount (P170502-01)

Figure 5-118. Monitor Arm Track Mount (P170502-01)

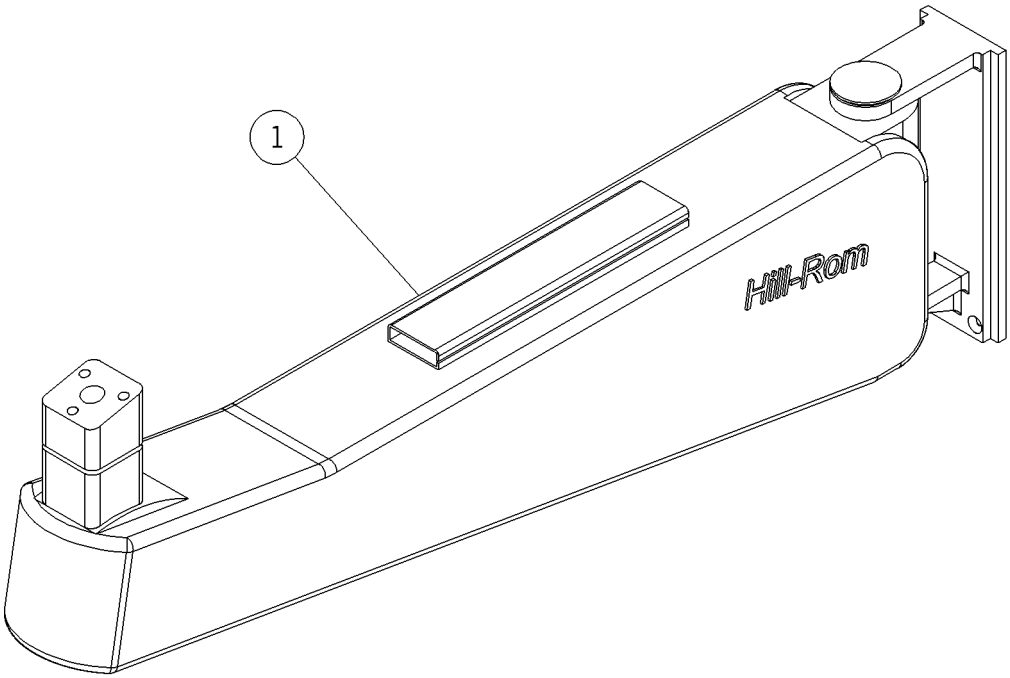


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Table 5-143. Monitor Arm Track Mount (P170502-01)

Item Number	Part Number	Quantity	Description
1	5310-2000-121 (2002)	1	Monitor arm track mount

Monitor Mounting Kit (P170503-01)

Figure 5-119. Monitor Mounting Kit (P170503-01)

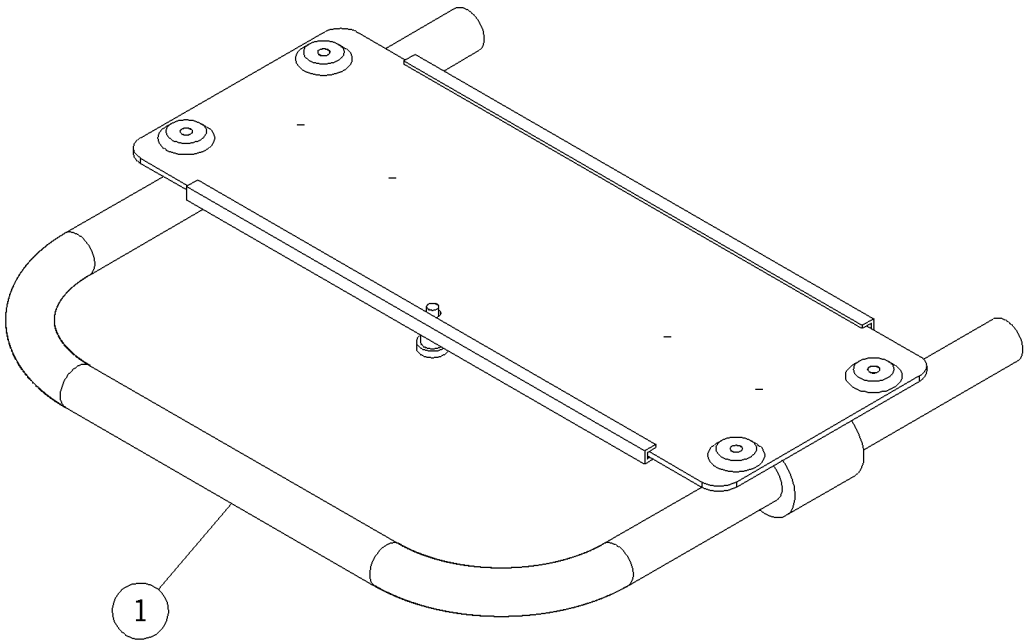

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Table 5-144. Monitor Mounting Kit (P170503-01)

Item Number	Part Number	Quantity	Description
1	5310-2000-122 (2002)	1	Monitor Mounting Kit

Rack Mount Assembly (P170504-01)

Figure 5-120. Rack Mount Assembly (P170504-01)

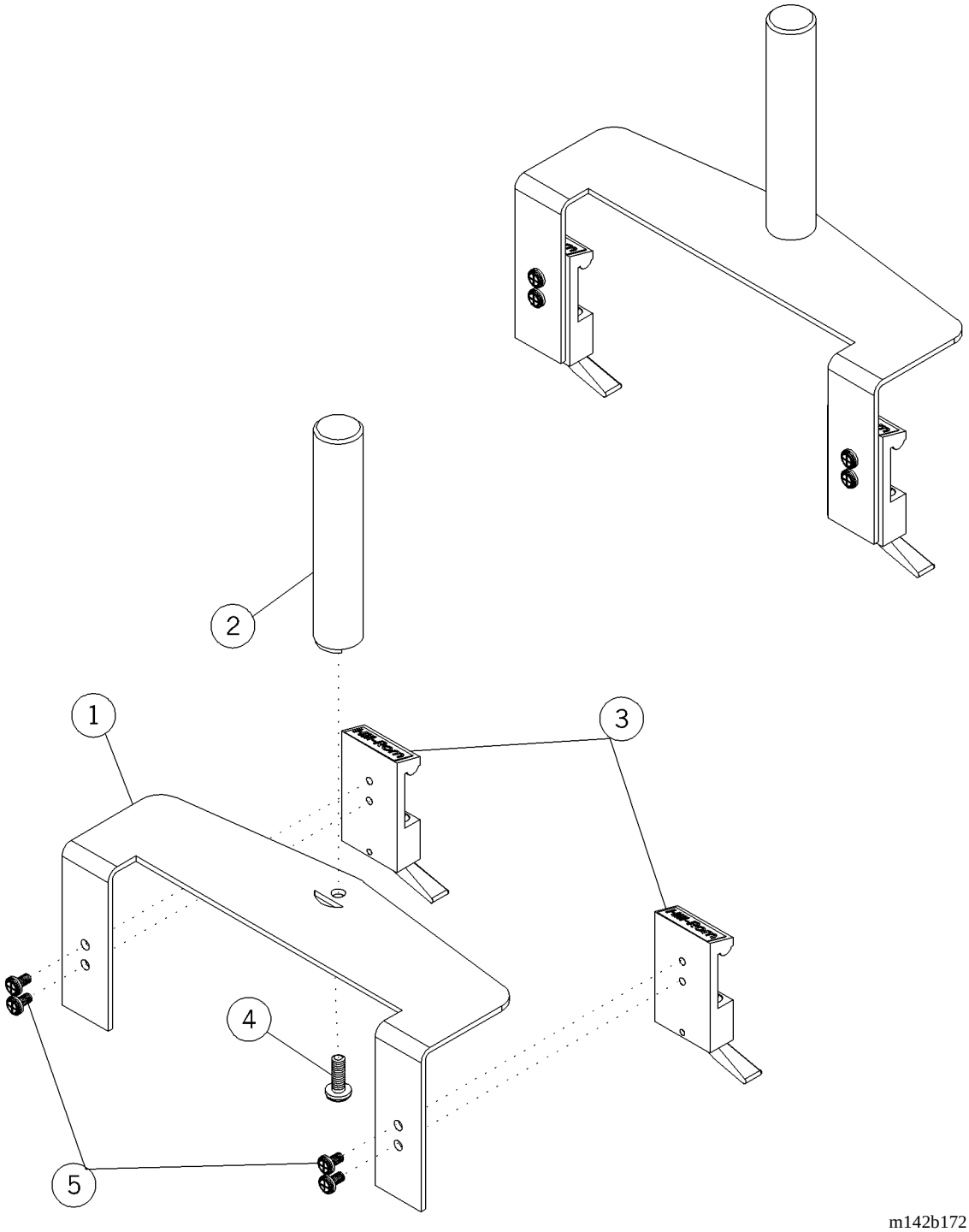
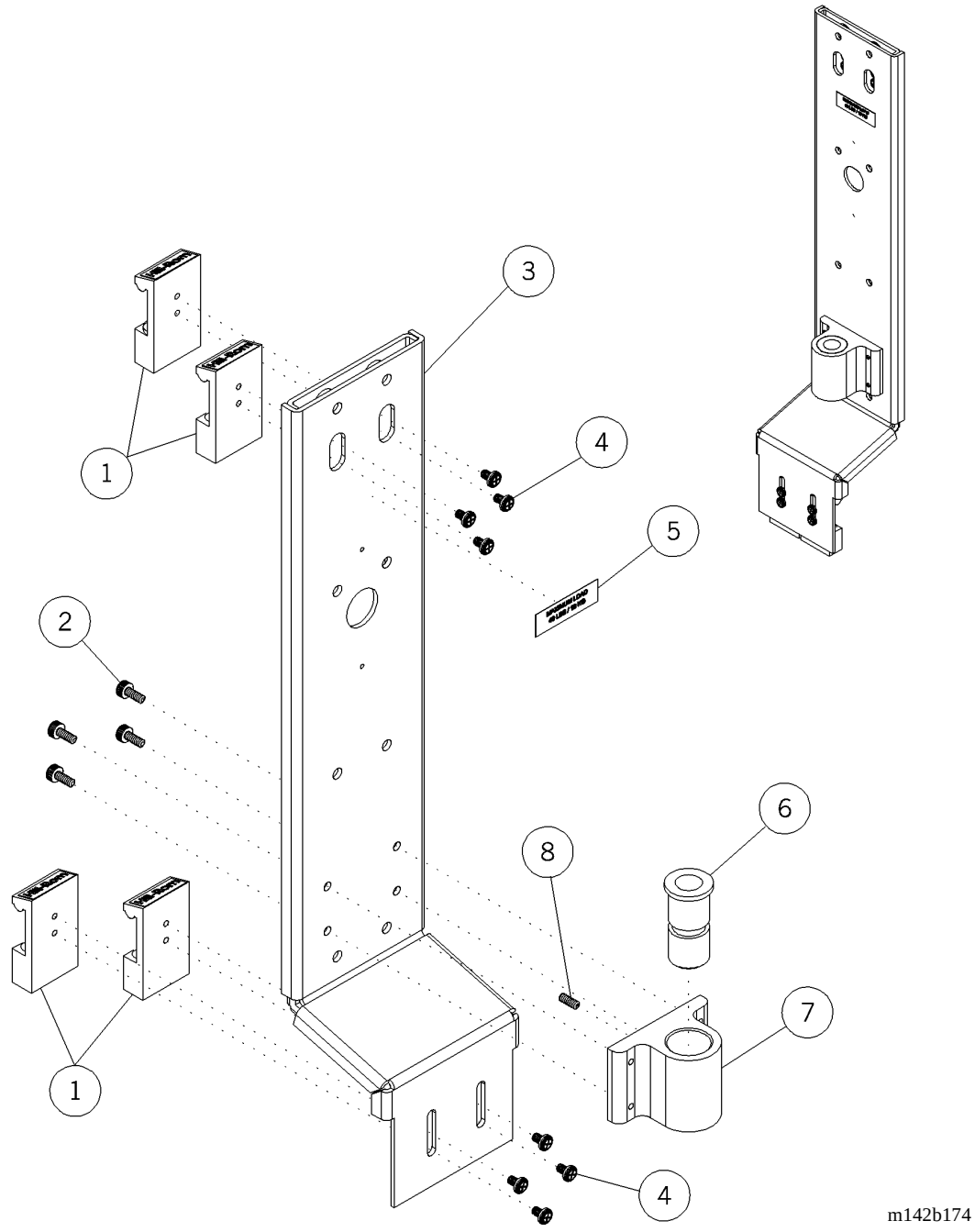


Table 5-145. Rack Mount Assembly (P170504-01)

Item Number	Part Number	Quantity	Description
1	5310-2000-004 (2002)	1	Plate, mounting
2	5310-2000-005 (2002)	1	Shaft
3	5310-2100-053 (2002)	2	Adapter
4	5890-1074-000 (2002)	1	Screw
5	5890-0066-000 (2002)	4	Screw

Television Arm Mount, RCA®[1] (P170510-01)

Figure 5-121. Television Arm Mount, RCA® (P170510-01)



1. RCA® is a registered trademark of General Electric Company.

Table 5-146. Television Arm Mount, RCA®[1] (P170510-01)

Item Number	Part Number	Quantity	Description
1	5400-0314-000 (2002)	4	Adapter, ball steel
2	6812-2000-646 (2002)	4	Screw
3	5310-2100-036 (2002)	1	Assembly, monitor weldment
4	5890-0063-000 (2002)	8	Screw
5	5310-0100-004 (2002)	1	Label
6	5310-2000-086 (2002)	1	Adapter B
7	5310-2000-088 (2002)	1	Pivot block
8	0141-4130-116 (2002)	1	Screw

1. RCA® is a registered trademark of General Electric Company.

Television Arm Mount (P170511-01)

Figure 5-122. Television Arm Mount (P170511-01)

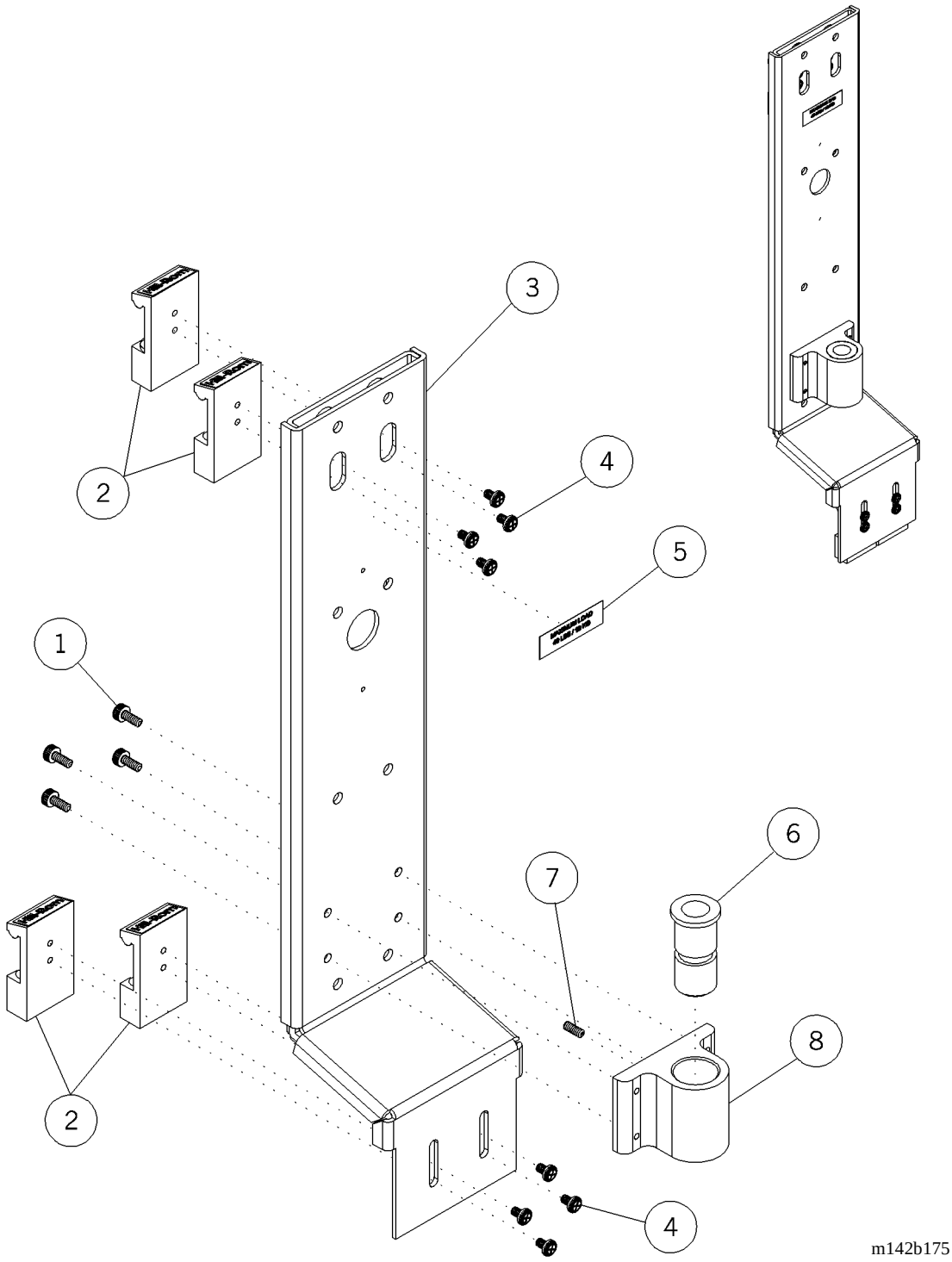


Table 5-147. Television Arm Mount (P170511-01)

Item Number	Part Number	Quantity	Description
1	6812-2000-646 (2002)	4	Screw
2	5400-0314-000 (2002)	4	Adapter
3	5310-2100-036 (2002)	1	Assembly, monitor weldment
4	5890-0063-000 (2002)	8	Screw
5	5310-0100-004 (2002)	1	Label
6	5310-2000-086 (2002)	1	Adapter B
7	0141-4130-116 (2002)	1	Screw
8	5310-2000-088 (2002)	1	Pivot block

Television Arm Mount Bunting (P170512-01)

Figure 5-123. Television Arm Mount Bunting (P170512-01)

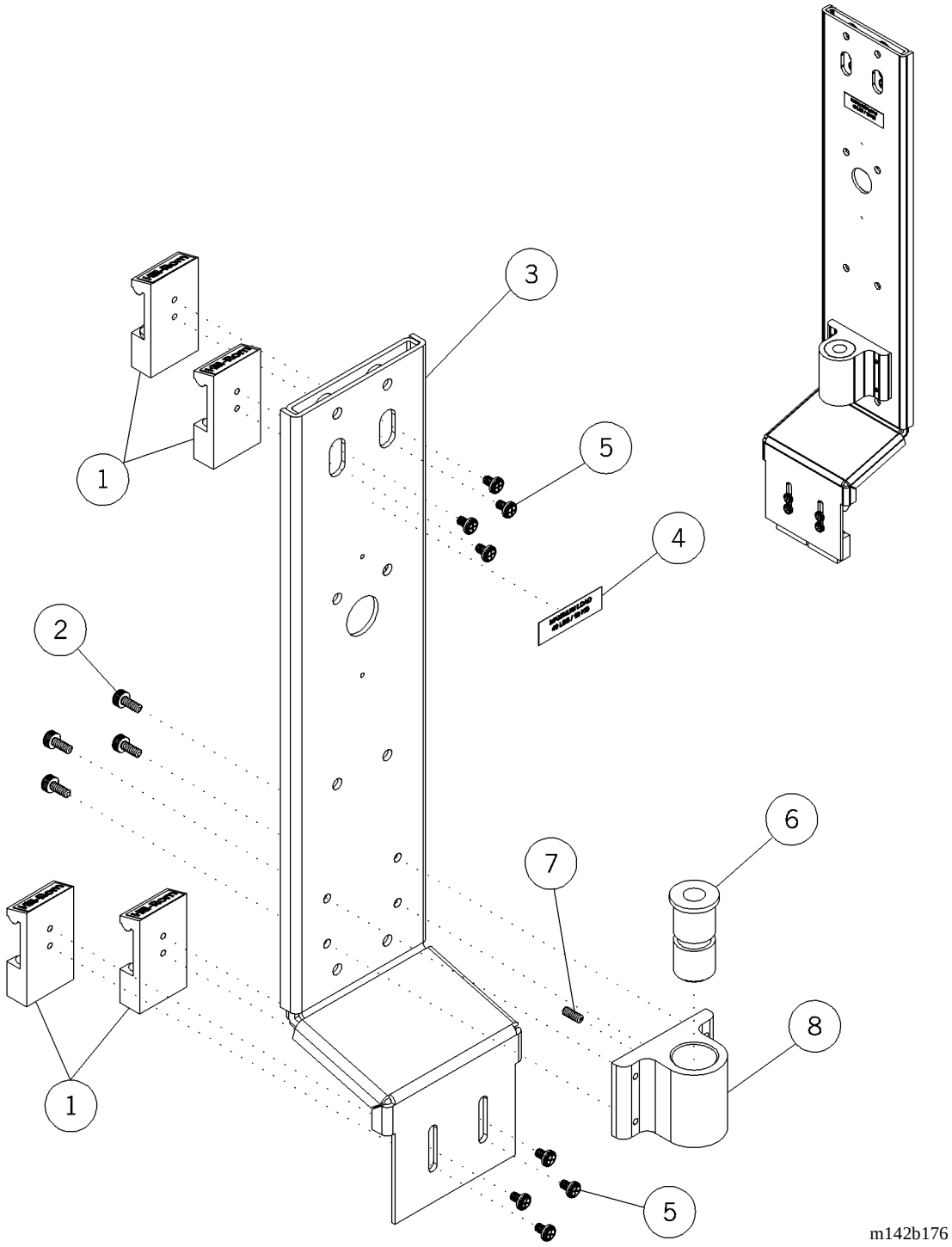


Table 5-148. Television Arm Mount Bunting (P170512-01)

Item Number	Part Number	Quantity	Description
1	5400-0314-000 (2002)	4	Adapter, ball steel
2	6812-2000-464 (2002)	4	Screw
3	5310-2100-036 (2002)	1	Assembly, monitor weldment
4	5310-0100-004 (2002)	1	Label
5	5890-0063-000 (2002)	8	Screw
6	5310-2000-085 (2002)	1	Adapter
7	0141-4130-116 (2002)	1	Screw
8	5310-2000-088 (2002)	1	Pivot block

Bed Bumper Set (P170601-01) P2002B

Figure 5-124. Bed Bumper Set (P170601-01) P2002B

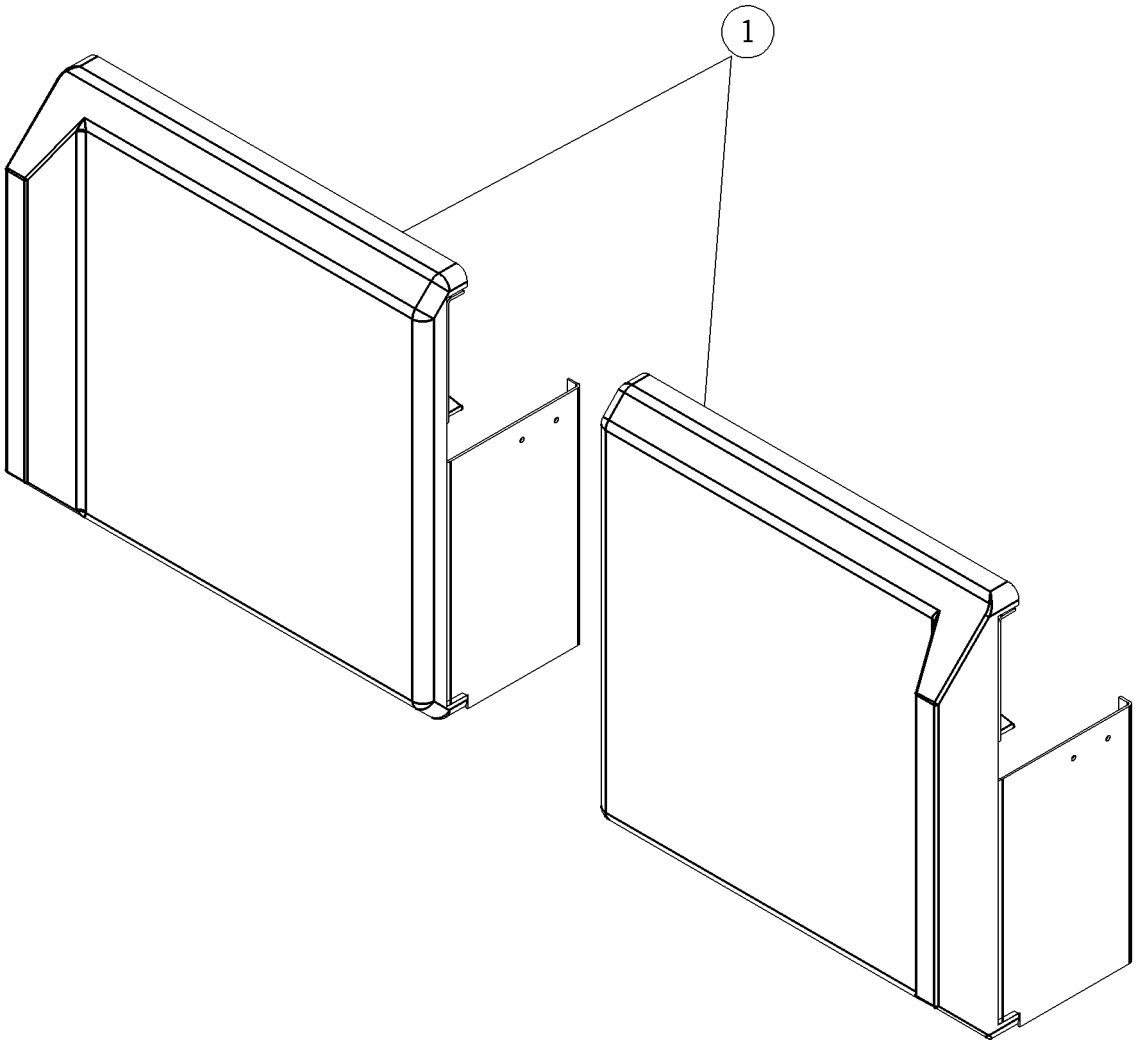


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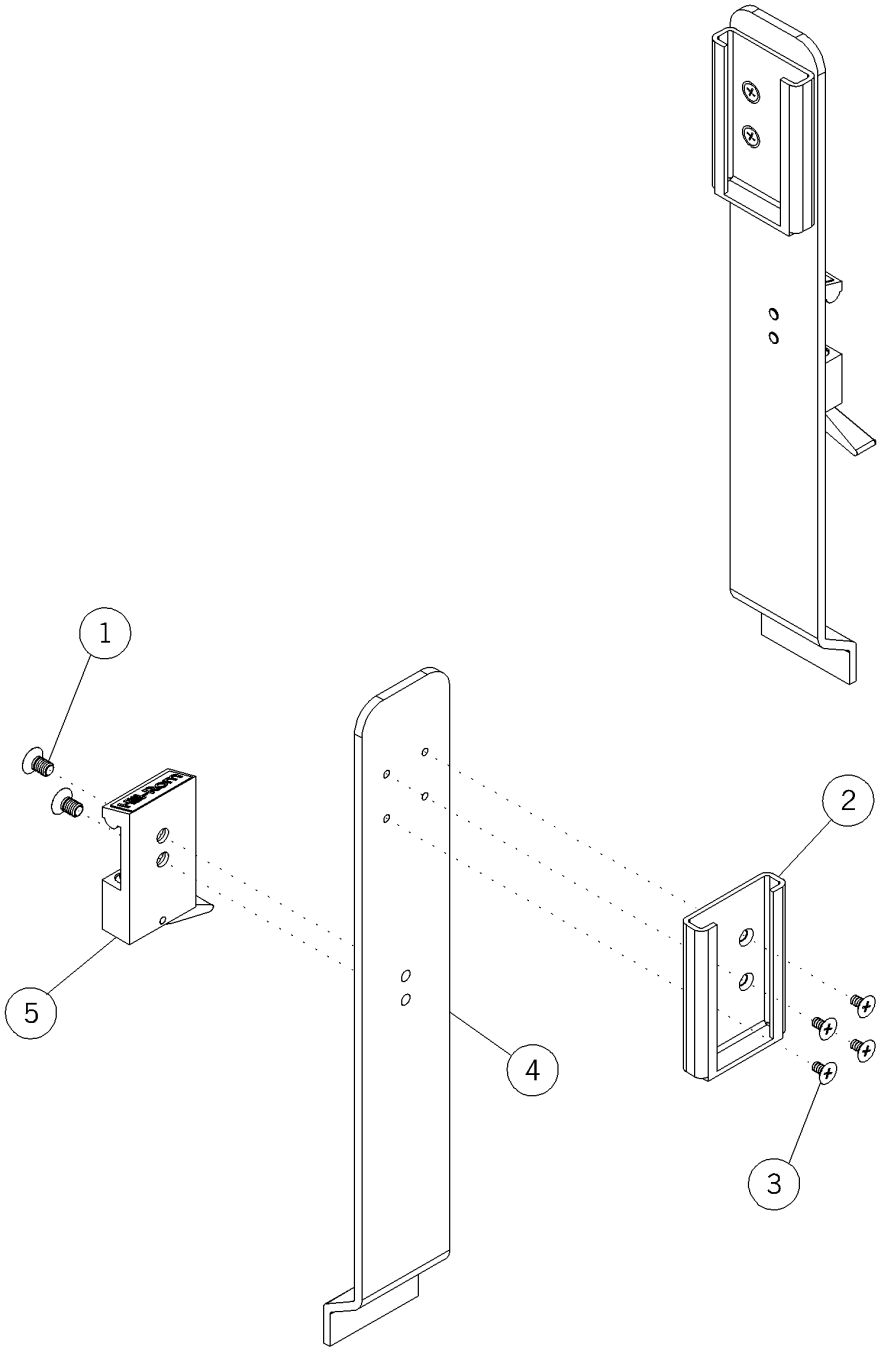
Table 5-149. Bed Bumper Set (P170601-01) P2002B

Item Number	Part Number	Quantity	Description
1	5310-2100-063 (2002)	1	Bed bumper set

Extended Bird®[1] Blender Assembly (P170703-01)

Figure 5-125. Extended Bird® Blender Assembly (P170703-01)



1. Bird® is a registered trademark of Bird Products Corporation.

Table 5-150. Extended Bird®[1] Blender Assembly (P170703-01)

Item Number	Part Number	Quantity	Description
1	5890-1007-000 (2002)	2	Screw
2	5806-1005-000 (2002)	1	Slide adapter
3	5890-0011-000 (2002)	4	Screw
4	5310-2000-009 (2002)	1	Bracket, Bird® blender
5	5110-3001-000 (2002)	1	Adapter

1. Bird® is a registered trademark of Bird Products Corporation.

Cable Organizer Assembly (P170720-01)

Figure 5-126. Cable Organizer Assembly (P170720-01)

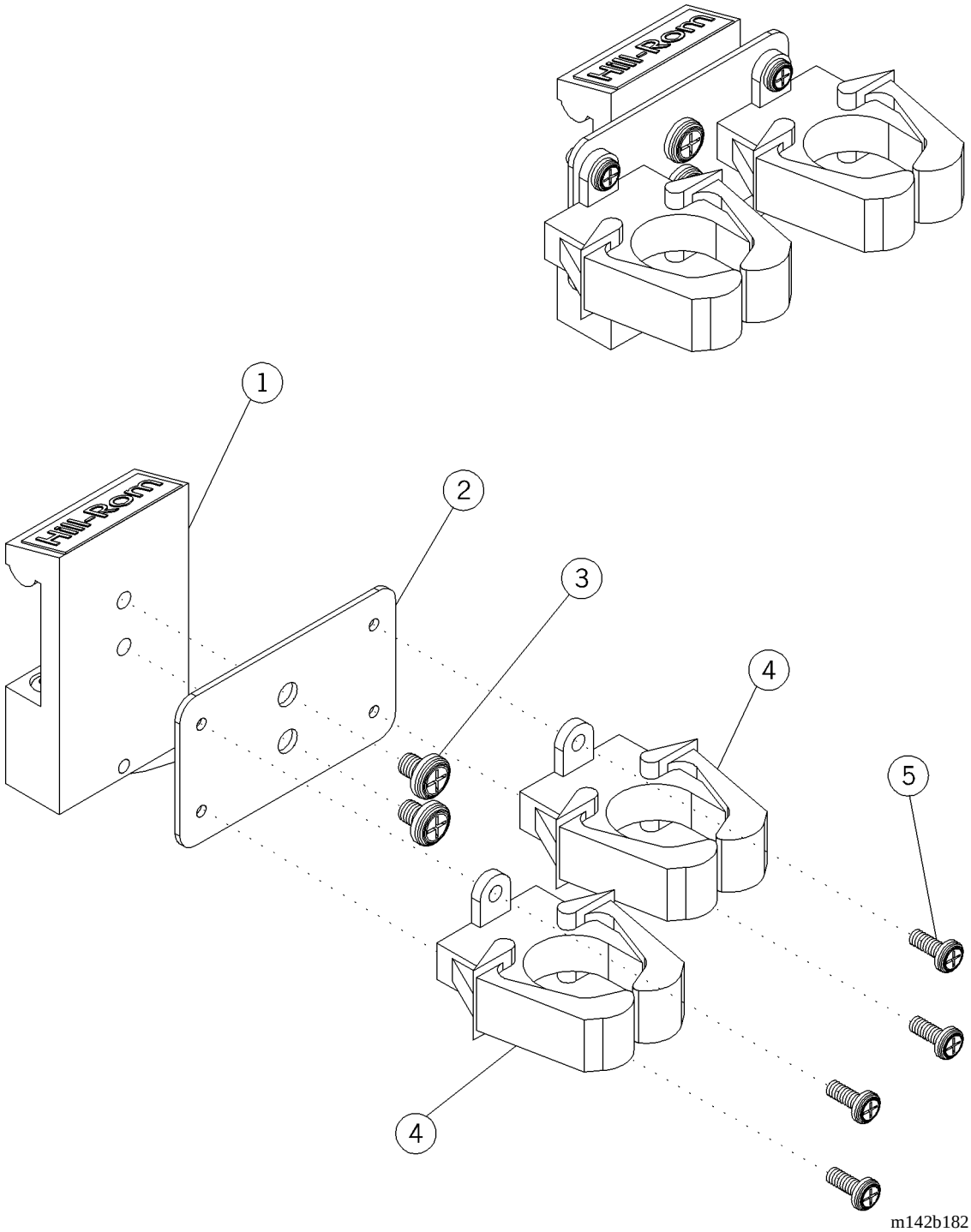


Table 5-151. Cable Organizer Assembly (P170720-01)

Item Number	Part Number	Quantity	Description
1	5110-3002-000 (2002)	1	Adapter
2	5310-2000-025 (2002)	1	Bracket, cable organizer
3	5890-0061-000 (2002)	2	Screw
4	5310-2000-111 (2002)	2	Part, cable clip
5	5890-2050-000 (2002)	4	Screw

Cord Wrap, Horizontal (P170730-01)

Figure 5-127. Cord Wrap, Horizontal (P170730-01)

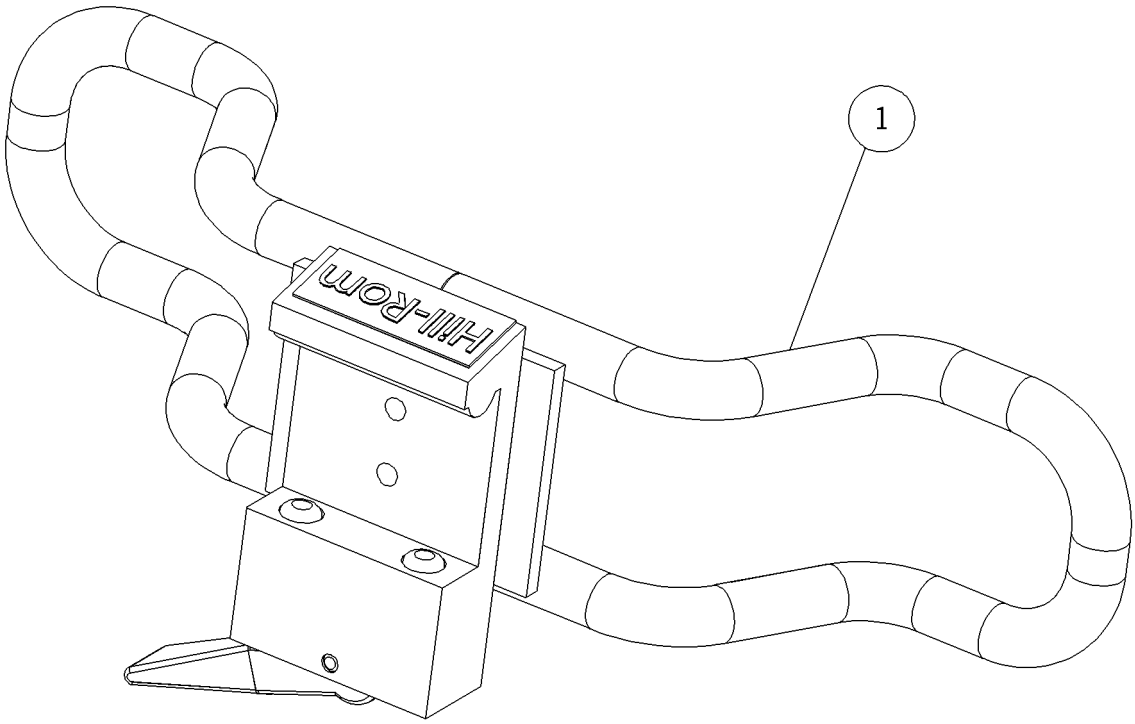


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Table 5-152. Cord Wrap, Horizontal (P170730-01)

Item Number	Part Number	Quantity	Description
1	5331-1068-000 (2002)	1	Cord wrap—vertical

NOTES:

Chapter 6
General Procedures

Chapter Contents

Cleaning and Care . . . . . 6 - 3
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- Steam Cleaning . . . . . 6 - 3
- Hard to Clean Spots . . . . . 6 - 3
- Disinfecting . . . . . 6 - 3

Lubrication Requirements . . . . . 6 - 4
Preventive Maintenance . . . . . 6 - 4
- Preventive Maintenance Schedule . . . . . 6 - 5
- Preventive Maintenance Checklist . . . . . 6 - 6

Tool and Supply Requirements . . . . . 6 - 7
Installation and Post-Installation Inspection . . . . . 6 - 7

6

NOTES:

Cleaning and Care

WARNING:
Follow the product manufacturer's instructions. Failure to do so could result in personal injury or equipment damage.

SHOCK HAZARD:
Unplug the unit from its power source. Failure to do so could result in personal injury or equipment damage.

SHOCK HAZARD:
Do not expose the unit to excessive moisture. Personal injury or equipment damage could occur.

CAUTION:
Do not use harsh cleaners, solvents, or detergents. Equipment damage could occur.

General Cleaning

Clean the unit with a lightly dampened cloth and ordinary disinfectants. Do not use excessive liquid.

Steam Cleaning

Do not use any steam cleaning device on the Integris® 2000 Headwall System. Excessive moisture can damage mechanisms in this unit.

Hard to Clean Spots

To remove difficult spots or stains, use standard household cleaners and a soft bristle brush. To loosen heavy, dried-on soil or excreta, you may first need to saturate the spot.

Disinfecting

Dilute disinfectants and germicides as specified on the manufacturer's label.

Lubrication Requirements

WARNING:
Follow the product manufacturer's instructions. Failure to do so could result in personal injury or equipment damage.

CAUTION:
Do not use silicone-based lubricants. Equipment damage could occur.

Preventive Maintenance

WARNING:
Only facility-authorized personnel should perform preventive maintenance on the Integris® 2002 Headwall System. Preventive maintenance performed by unauthorized personnel could result in personal injury or equipment damage.

The Integris® 2002 Headwall System requires an effective maintenance program. We recommend that you perform annual preventive maintenance (PM) and testing for Joint Commission on Accreditation of Healthcare Organizations (JCAHO). PM and testing not only meet JCAHO requirements but will help ensure a long, operative life for the Integris® 2002 Headwall System. PM will minimize downtime due to excessive wear.

The following PM schedule guides you through a normal PM procedure on the Integris® 2002 Headwall System. During this PM process, check each item on the schedule, and make the necessary adjustments.

Follow the PM schedule with the corresponding PM checklist. This checklist is designed to keep a running maintenance history and subsequent repair costs for one Integris® 2002 Headwall System. However, your facility can modify this checklist or design another to fit your needs. Two effective ways to reduce downtime and ensure the patient remains comfortable are keeping close records and maintaining the Integris® 2002 Headwall System.

Preventive Maintenance Schedule

Table 6-1. Preventive Maintenance Schedule

Function	Procedure
Power cables	Inspect all cables for good condition and possible cracking, cuts or pinches in insulating coverings.
Circuit breakers	Turn the breaker off and on to check proper function.
Electrical receptacles	Check all receptacles for proper ground conductor extractive force. The extractive force should be four ounces with a 0.184" (4.67 mm) diameter pin.
Electrical connections	Check all electrical connections for tightness, and tighten as needed.
Gas supply conduit	Inspect all joints in the Integris® 2000 Headwall System for gas leaks. Inspect hoses for cracking, wear, collapse, or leakage.
General appearance	Check cleanliness. See “Cleaning and Care” on page 6-3 if needed.

Preventive Maintenance Checklist

Table 6-2. Preventive Maintenance Checklist

Date																						**Function**
Hill-Rom	**Manufacturer**																					
																						Power cables
																						Circuit breakers
																						Electrical receptacles
																						Electrical connections
																						Gas supply conduit
																						General appearance
	Model Number																					
	Serial Number																					
	Total Cost for this Page																					**Labor Time:**
																						Repair Cost:
																						Inspected by:
																						Legend L=Lube C=Clean A=Adjust R=Repair or Replace O=Okay N=Not Applicable Remarks:

Tool and Supply Requirements

To service the Integris® 2000 Headwall System, the following tools and supplies are required:

- Screwdriver
- Phillips head screwdriver
- Pliers
- Adjustable wrench
- Digital multimeter

Installation and Post-Installation Inspection

Upon request, a Hill-Rom representative may periodically check with the contractor during initial installation and assist the contractor in the final check to make certain the installation is in operating condition. Hill-Rom and the contractors have the following responsibilities:

- Hill-Rom supplies complete installation instructions with every Integris® 2002 Headwall System. These instructions reflect the variations in each system as ordered.
- In seismic code areas, Hill-Rom supplies additional installation information, upon request.
- Hill-Rom supplies the hanger bracket, consisting of a steel wall plate and mounting fasteners.
- The electrical contractor furnishes and installs conduit with wiring to the hanger bracket knockout plate. The contractor connects building services to the pre-wired junction box as shown in the electrical drawings in the installation instructions.
- After installation, the electrical contractor is responsible for checking the entire system for proper operation.
- The mechanical contractor provides and installs primary connections to the Integris® 2002 Headwall System medical gas manifold as detailed on the drawings. The mechanical contractor performs and certifies all pressure tests as required by NFPA-99 (nonflammable medical gas systems) and any local codes.
- The final certification is the responsibility of the electrical and mechanical contractors for their portions of the installation.

NOTES:

Chapter 7
Accessories

Chapter Contents

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NOTES:

Accessories

For Integris® 2002 Headwall System accessories, see table 7-1 on page 7-3 and table 7-2 on page 7-3.

Table 7-1. Accessories List—P2002/P2002A

Product Number	Description
P971H00	IV Hanger—slide mounted
P102402	Sphygmomanometer mount, columnar (Mercurial)
P102502	Sphygmomanometer mount, aneroid
P102802	Cuff basket assembly
P1029L2	Large storage basket
P102301	Universal holder

Table 7-2. Accessories List—P2002B

IV Management	
P17000201	IV pole/infusion holder
P17000301	Single post (includes holder)
P17000401	Utility mount—dual post (includes holder)
P17000501	Short post (includes holder)
P17000601	Universal holder
P17000701	Universal pole holder—C-clamp
P17000801	Ventilator mount
P17000901	Resuscitator bag holder
Storage Baskets	
P17010101	Basket, 21 3/8" (54.31 cm) width x 4 5/16" (10.95 cm) height x 2 7/8" (7.32 cm) depth
P17010201/02	Basket—large, divided-up,18" (46 cm) width x 4" (10 cm) height x 9 ½" (24.13 cm) depth
P17010301/02	Basket, 6 ½" (16.51 cm) width x 5" (13 cm) height x 4" (10 cm) depth
P17010401/02	Basket, 11" (28 cm) width x 4" (10 cm) height x 4" (10 cm) depth

P17010501	Basket swivel, 9 9/16" (24.28 cm) width x 9 9/16" (24.28 cm) height x 4" (10 cm) depth
Chart Holders	
P17011001	Chart holder—stackable
P17011101	Chart holder—wire
Sharp's Container	
P17012001	Sharps container mount
Glove Box	
P17013001	Glove box holder (three boxes)
NurseMates	
P17014001	3 drawer
P17014101	Drawer/door
Shelves	
P17020101	Utility shelf—large, 20 3/8" (51.77 cm) width x 12 1/8" (30.81 cm) depth
P17020201	Charting shelf, 20 3/8" (51.77 cm) width x 12 1/8" (30.81 cm) depth
P17020301	Hinged mayo tray—small, 13 5/8" (34.62 cm) width x 9 3/4" (24.77 cm) depth
P17020401	Hinged mayo tray—large, 17 1/8" (43.51 cm) width x 11 5/8" (29.54 cm) depth
Lights	
P17030301	Luxo incandescent light with mount, extends 46" (117 cm)
P17030401	Luxo incandescent/fluorescent light with mount, extends 46" (117 cm)
P17030501	Utility charting light with mount (for Cool Spot, Cool Spot II, or Outpatient II)
P17030601	Burton light mount (for Cool Spot, Cool Spot II, or Outpatient II)
P17030701	Universal light mount (not for use with Burton lights)
BP and Diagnostic Equipment—Otoscope	
P17040101	Otoscope mount—WA 767 mount
P17040201	Otoscope mount—WA 747 mount
P17040401	WA speculum holder mount

Sphygmo	
P17041001	Aneroid sphygmo mount, Tycos 5091-38 (includes mount)
P17041101	Aneroid sphygmo, Tycos 9091-38, mount only
P17041201	Tycos sphygmo 7670-01 (includes mount)
P17041301	Tycos 7670-01, mount only
P17041401	Baum sphygmo (includes mount)
P17041501	Baum sphygmo mount
P17041601	Cuff basket with mount
P17041701	Cuff basket mount
P17041801	Utility hook for cuff
Thermometer	
P17042001	Diatek 6000/9000 mount
Humidifier	
P17043001	Conchatherm mount
P17043101	Puritan-Bennett®[a] mount
Monitor Equipment	
P17050401	Satellite rack mount
P17050501	Fixed monitor arm—Tilt/Swivel (GCX arm)
Miscellaneous	
P17070101	Bottle slide
P17070201	Bird blender slide
P17070301	Bird blender slide (raised, mounts above rail)
P17071001	Dual clip holder
P17072001	Cable organizer assembly
P17073001	Cord wrap, horizontal
P17073101	Cord wrap, vertical
P17074001	Standard cam adapter
P17074101	Ball adapter
P17074201	Double cam adapter

a. Puritan-Bennett® is a registered trademark of Puritan-Bennett Corporation.

7.1 Standard Accessory Mounting Adapter Assembly

Tools required: None

Introduction

The standard accessory mounting adapter assembly is used on the accessories available for the Integris® P2002B Headwall System. This installation procedure describes how to install the new accessories onto the headwall system.

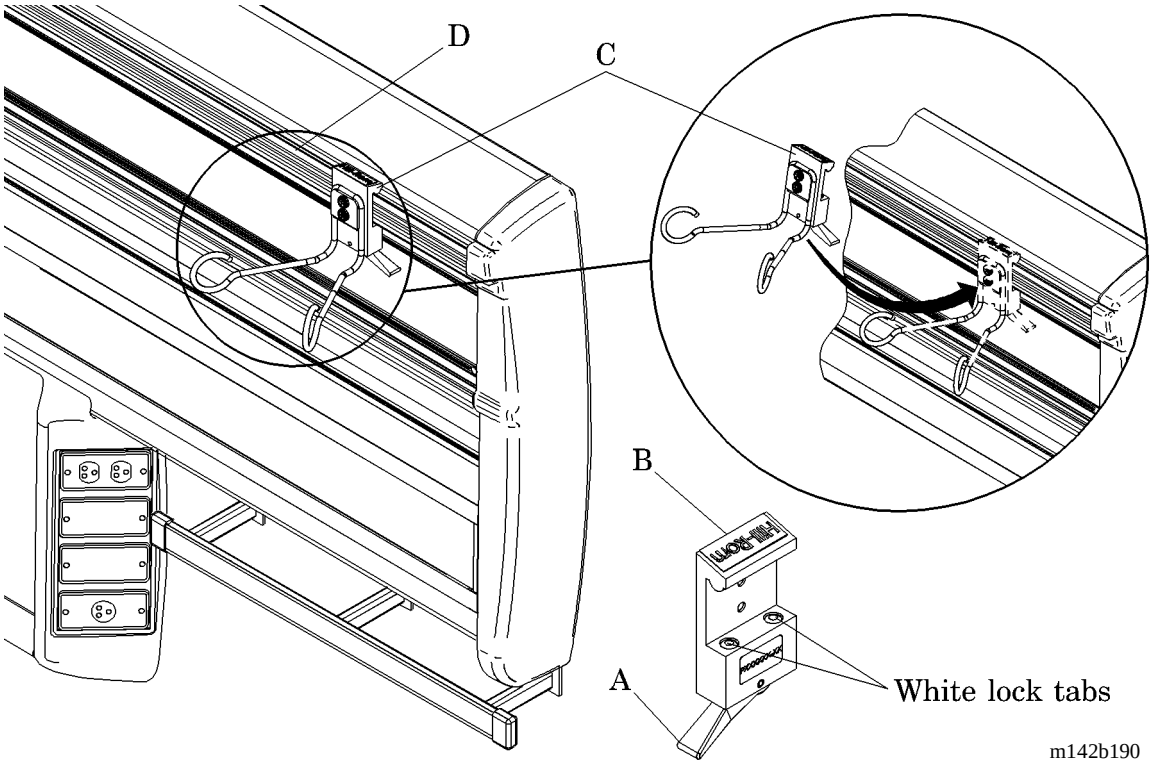
Installation

1. Decide on the best position to install the accessory that you will be mounting onto the headwall accessory rail.

2. Ensure that the white latch (A) on the accessory mounting adapter assembly (B) is in the open position (see figure 7-1 on page 7-7).

NOTE:
The accessory mounting adapter assembly is in the open position when the two white lock tabs are recessed into the mounting block, or the white latch is positioned to the right.

Figure 7-1. Standard Accessory Mounting Adapter Assembly Installation



3. Tilt the accessory (C) that you are installing 10° toward the Integris® P2002B Headwall System accessory rail (D).

4. Install the accessory (C) onto the accessory rail (D).

5. Tilt the accessory (C) downward, and ensure the mounting adapter assembly (B) is seated properly onto the accessory rail (D).

6. Switch the white latch (A) from the right position to the left position and lock the mounting adapter assembly (B) in place on the accessory rail (D).

WARNING:
Ensure the accessory is installed properly onto the Integris® P2002B Headwall System. Failure to do so could result in personal injury or equipment damage.

7. Give the accessory (C) a small tug outward to ensure that the mounting adapter assembly (B) is properly installed onto the accessory rail (D).

Removal

To remove the mounting adapter assembly (B) from the headwall accessory rail (D), reverse the installation procedure.

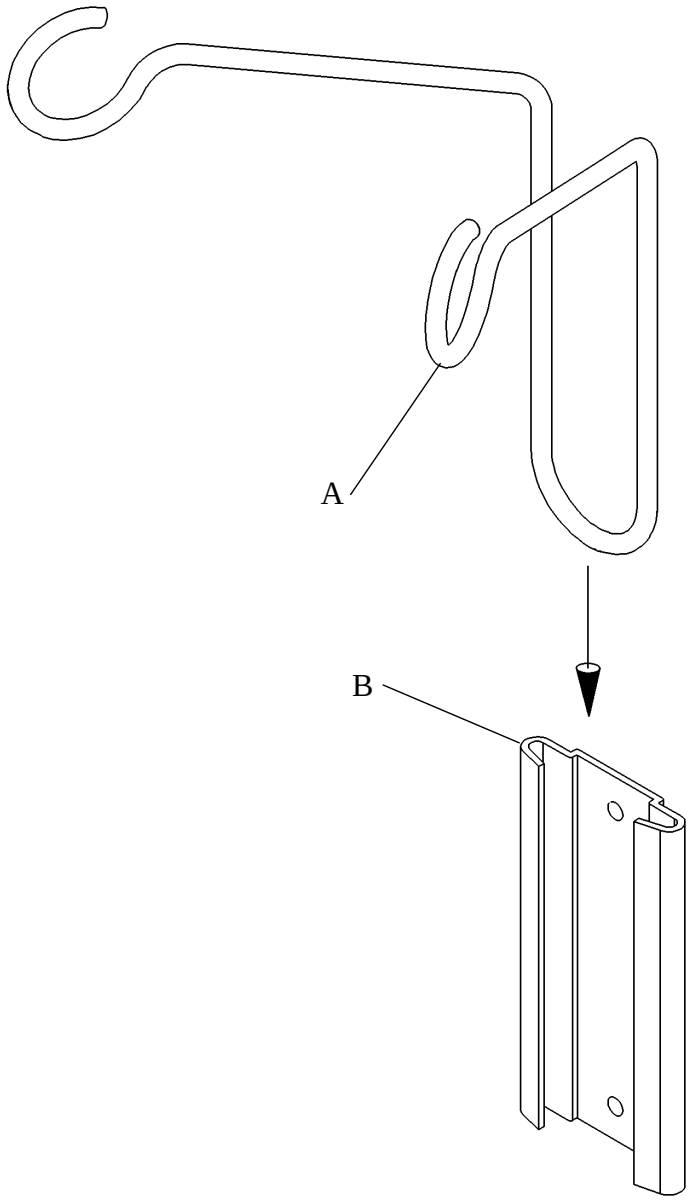
7.2 Slide Mounted IV Hanger

Tools required: None

Installation

1. Compress the sides of the IV hanger (A), and insert it into the bottle slide (B) (see figure 7-2 on page 7-9).

Figure 7-2. Slide Mounted IV Hanger



2. Give the IV hanger a small tug to ensure it is securely installed.

Adjustment

No adjustment is required for the slide mounted IV hanger.

Removal

Perform the installation procedure in reverse order.

7.3 Mercurial and Aneroid Sphygmomanometer Mount

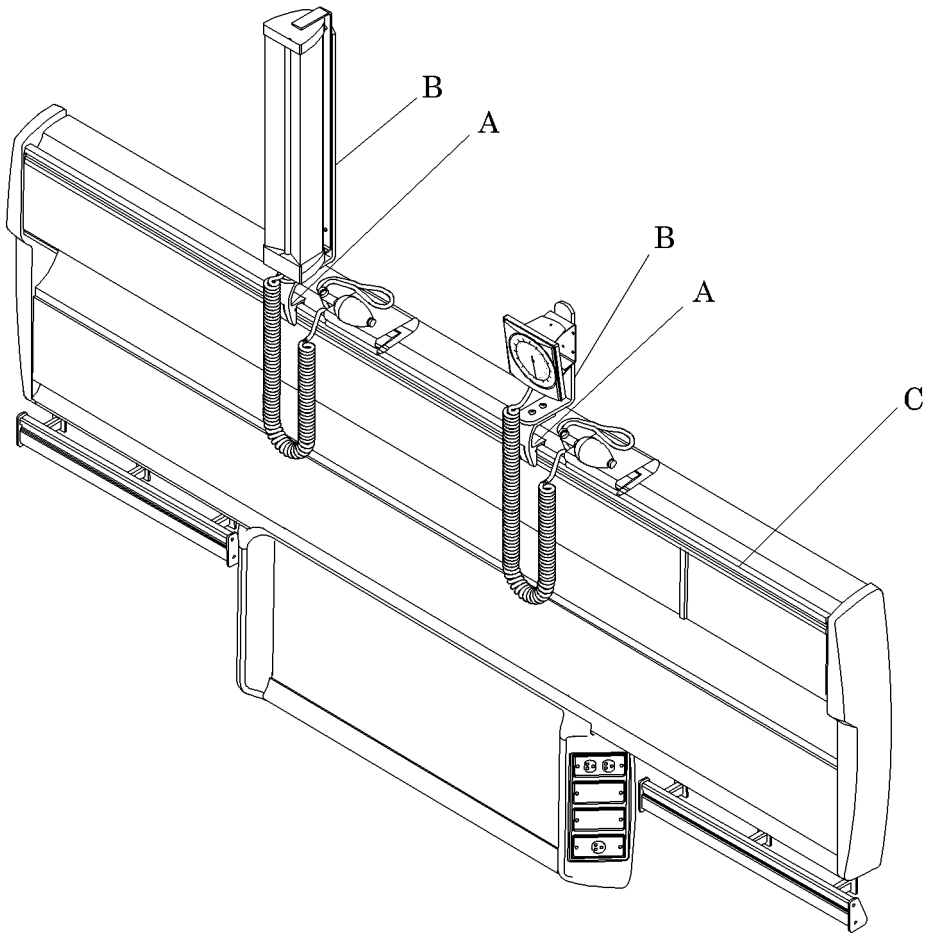
The sphygmomanometer mount may be installed at any point on the upper accessory track of the console raceway.

Installation

Tools required: None

1. Pull the latch (A) to open it, and set the sphygmomanometer mount (B) on the upper accessory track (C) (see figure 7-3 on page 7-11).

Figure 7-3. Mercurial and Aneroid Sphygmomanometer Mount



m142_055

2. Push in on the latch (A) to tighten the mount (B) on the track (C).

3. Give the sphygmomanometer mount (B) a small tug to ensure it is securely installed.

Adjustment

No adjustment is required for the Mercurial and Aneroid Sphygmomanometer mounts.

Removal

Perform the installation procedure in reverse order.

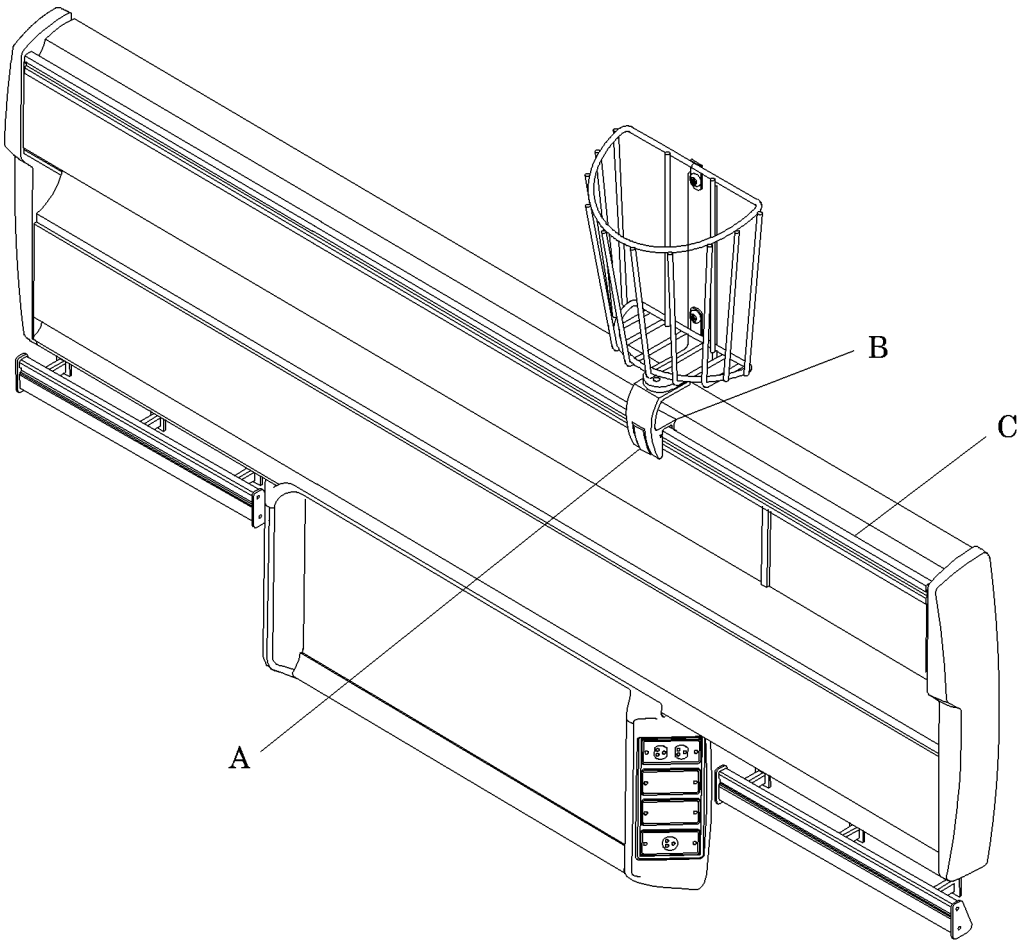
7.4 Cuff Basket Assembly

Tools required: None

Installation

1. Pull out to disengage the latch (A) on the track mount assembly (B) (see figure 7-4 on page 7-13).

Figure 7-4. Cuff Basket Assembly



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2. Set the track mount assembly (B) on the upper accessory rail (C).

3. Push in on the latch (A) to secure the cuff basket on the upper accessory rail (C).

4. Give the cuff basket a small tug to ensure it is securely installed.

Removal

To remove the cuff basket, reverse the installation procedure.

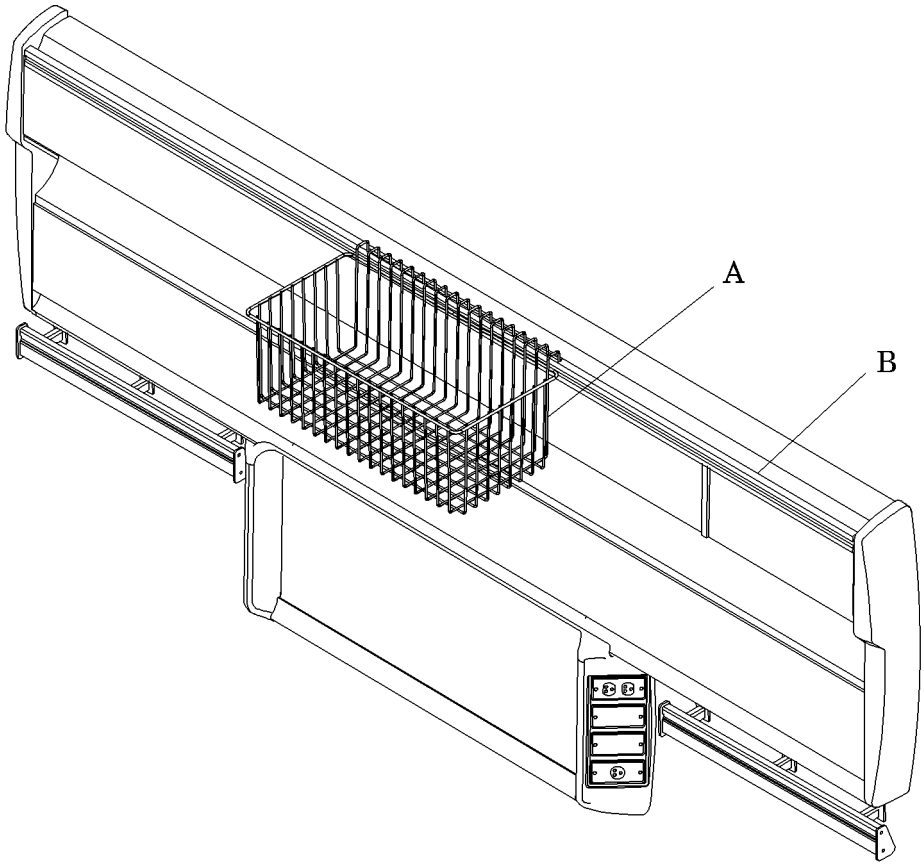
7.5 Large Storage Basket

Tools required: None

Installation

Install the clamping edge (A) of the large storage basket on the accessory rail (B) (see figure 7-5 on page 7-15).

Figure 7-5. Large Storage Basket



m142_056

NOTE:
The large storage basket also installs on the lower accessory rail.

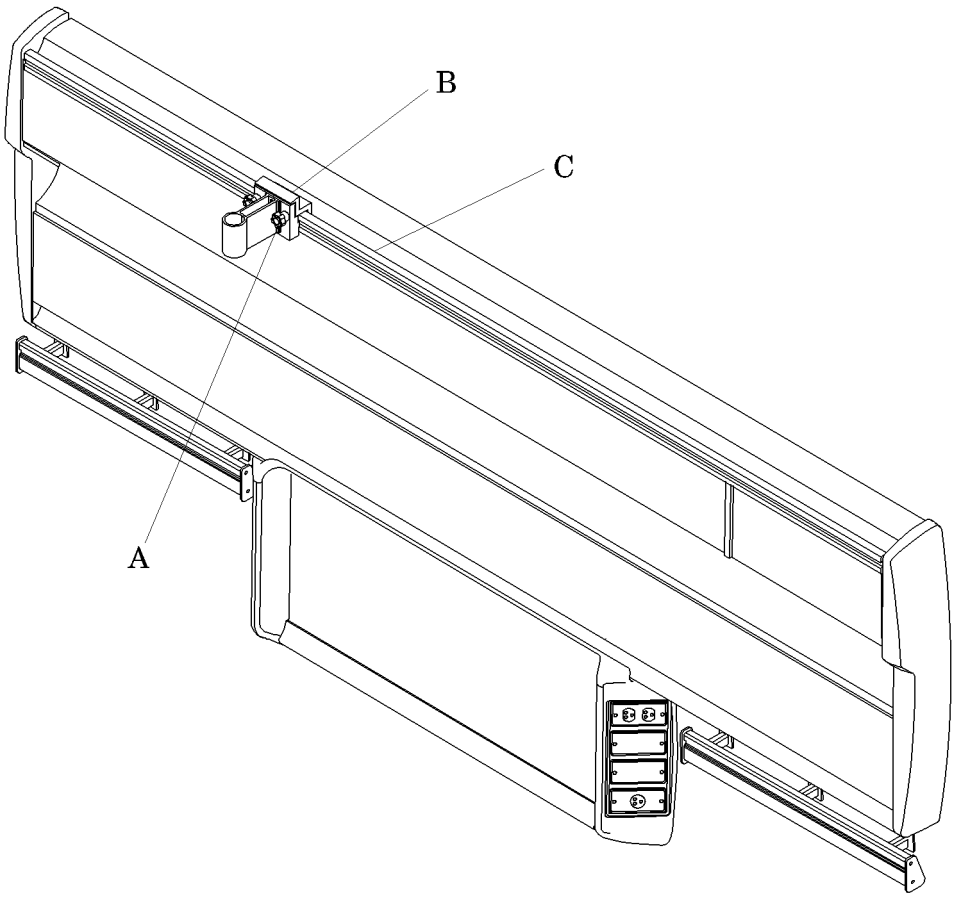
7.6 Universal Holder

Tools required: None

Installation

1. Loosen the holder knobs (A), and set the universal holder (B) on the upper accessory track (C) (see figure 7-6 on page 7-16).

Figure 7-6. Universal Holder



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2. Tighten the holder knobs (A).

3. Make certain the universal holder (B) is securely fastened on the upper accessory track (C).

4. Slide the universal holder (B) horizontally on the upper accessory track (C) until it is in the position that you prefer.

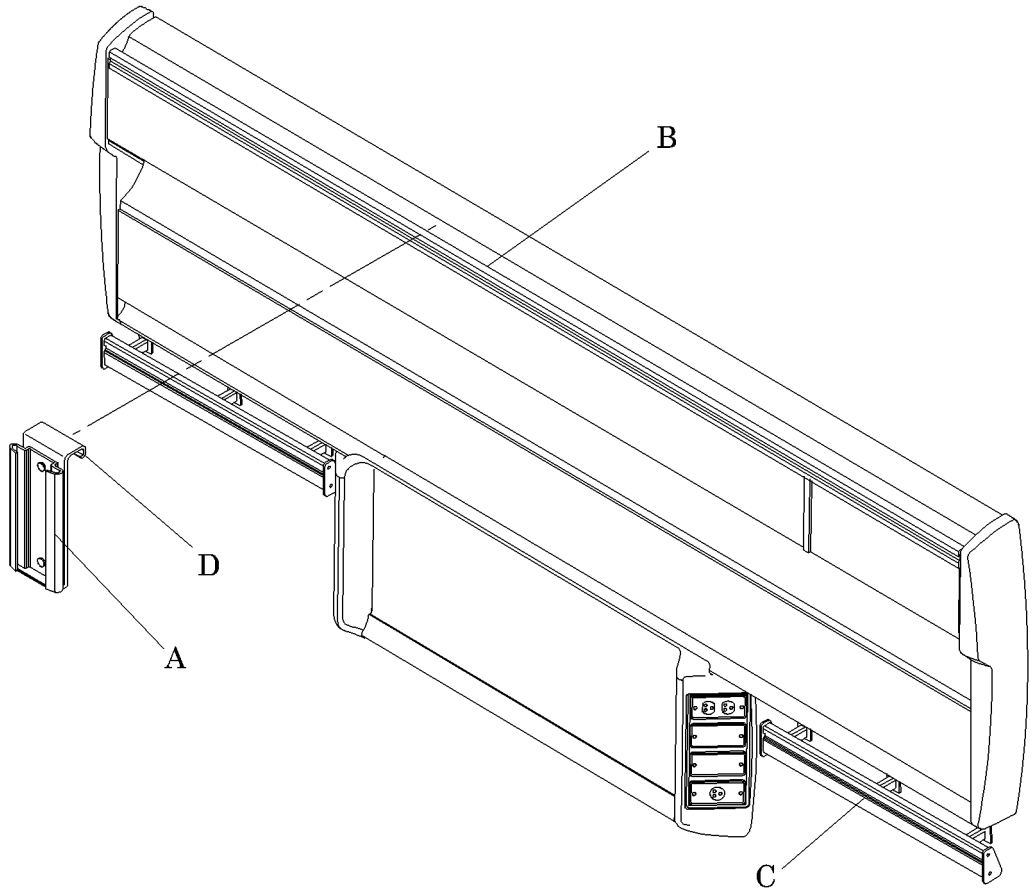
7.7 Utility Bottle Slide Mounting

Tools required: None

Installation

1. Install the utility bottle slide mounting (A) on the upper accessory rail (B) (see figure 7-7 on page 7-17).

Figure 7-7. Utility Bottle Slide Mounting



m142_058

NOTE:
The utility bottle slide mounting may also be installed on the lower accessory rail (C).

2. Make sure that the top hook (D) is securely seated on the accessory rail (B) by giving it a small tug.

NOTES: